N60201.AR.002173
NS MAYPORT
5090.3a

CORRECTIVE MEASURES STUDY AREA OF CONCERN C (AOCC) NS MAYPORT FL
3/1/2007
TETRA TECH

Rev. 1
03/08/07

# CORRECTIVE MEASURES STUDY
# FOR
# AREA OF CONCERN C

## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

## COMPREHENSIVE LONG-TERM
## ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

**Submitted to:**
**Naval Facilities Engineering Command**
**Southeast**
**2155 Eagle Drive**
**North Charleston, South Carolina 29406**

**Submitted by:**
**Tetra Tech NUS, Inc.**
**661 Andersen Drive**
**Foster Plaza 7**
**Pittsburgh, Pennsylvania 15220**

**CONTRACT NUMBER N62467-04-D-0055**
**CONTRACT TASK ORDER 0033**

**MARCH 2007**

**PREPARED UNDER THE SUPERVISION OF:**

Shina A. Ballard

**SHINA BALLARD**
**TASK ORDER MANAGER**
**TETRA TECH NUS, INC.**
**JACKSONVILLE, FLORIDA**

**APPROVED FOR SUBMITTAL BY:**

Debra M. Humbert

**DEBRA M. HUMBERT**
**PROGRAM MANAGER**
**TETRA TECH NUS, INC.**
**PITTSBURGH, PENNSYLVANIA**

# PROFESSIONAL ENGINEER CERTIFICATION

This document, *Corrective Measures Study for Area of Concern C, Naval Station Mayport, Mayport, Florida*, has been prepared under the direction of a Florida Registered Professional Engineer. The work and professional opinions rendered in this report were conducted or developed in accordance with commonly accepted procedures consistent with applicable standards of practice. This document was prepared for Naval Station Mayport, Mayport, Florida, and should not be construed to apply to any other site.

Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh, Pennsylvania 15220
Certificate of Authorization No. 7988

March 5, 2007
Michael F. Albert, P.E.
State of Florida License No. 55239

Michael F. Albert
3/5/07


# FOREWORD

To meet its mission objectives, the United States Navy performs a variety of operations, some requiring the use, handling, storage, or disposal of hazardous materials. Through accidental spills and leaks and conventional methods of past disposal, hazardous materials may have entered the environment in ways unacceptable by today's standards. With growing knowledge of the long-term effects of hazardous materials on the environment, the Department of Defense initiated various programs to investigate and remediate conditions related to suspect past releases of hazardous materials at their facilities.

One of these programs is the Installation Restoration (IR) program. This program complies with the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act. The acts, passed by Congress in 1980 and 1986, respectively, established the means to assess and cleanup hazardous waste sites for both private-sector and federal facilities. These acts are the basis for what is commonly known as the Superfund program.

Originally, the Navy's part of this program was called the Navy Assessment and Control of Installation Pollutants (NACIP) program. Early reports reflect the NACIP process and terminology. The Navy eventually adapted the program structure and terminology of the standard IR program.

The IR program is conducted in several stages as follows:

- The preliminary assessment (PA) identifies potential sites through record searches and interviews.
- A site inspection (SI) then confirms which areas contain contamination, constituting actual "sites". (Together, the PA and SI steps were called the Initial Assessment Study under the NACIP program.)
- Next, the remedial investigation and the feasibility study (RI/FS) together determine the type and extent of contamination, establish criteria for cleanup, and identify and evaluate any necessary

remedial action alternatives and their costs. As part of the RI/FS, a risk assessment identifies potential effects on human health or the environment to help evaluate remedial action alternatives.

- The selected alternative is planned and conducted in the remedial design and remedial action stages. Monitoring then ensures the effectiveness of the effort.

A second program to address present hazardous material management is the Resource Conservation and Recovery Act (RCRA) Corrective Action Program. This program is designed to identify and cleanup releases of hazardous substances at RCRA-permitted facilities. RCRA ensures that solid and hazardous wastes are managed in an environmentally sound manner. The law applies primarily to facilities that generate or handle hazardous waste.

The RCRA program is conducted in the following three stages.

- The RCRA facility assessment identifies solid waste management units (SWMUs), evaluates the potential for releases of contaminants, and determines the need for future investigations.

- The RCRA facility investigation (RFI) then determines the nature, extent, and fate of contaminant releases.

- The Corrective Measures Study (CMS) identifies and recommends measures to correct the release.

The hazardous waste investigations at Naval Station (NAVSTA) Mayport are presently being conducted under the RCRA Corrective Action Program. Earlier preliminary investigations had been conducted at NAVSTA Mayport under the Navy's NACIP program and IR program following Superfund guidelines. In 1988, in coordination with the United States Environmental Protection Agency (USEPA) and the Florida Department of Environmental Regulation, now known as the Florida Department of Environmental Protection (FDEP), the hazardous waste investigations were formalized under the RCRA program.

Mayport is conducting the cleanup at their facility by working through the Naval Facilities Engineering Command Southeast. The USEPA and the FDEP oversee the Navy environmental program. All aspects of the program are conducted in compliance with state and federal regulations, as ensured by the participation of these regulatory agencies.

Questions regarding the RCRA program at NAVSTA Mayport should be addressed to Cheryl Mitchell (Code N4E) (904) 270-6730.

# TABLE OF CONTENTS

## TABLES



## FIGURES

# ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| ABB-ES | ABB Environmental Services, Inc. |
| AOC | Area of Concern |
| ARAR | applicable or relevant and appropriate requirement |
| AST | aboveground storage tank |
| bgs | below ground surface |
| BSV | background screening value |
| CAMP | Corrective Action Management Plan |
| CAO | Corrective Action Objective |
| CAR | Contamination Assessment Report |
| CFR | Code of Federal Regulations |
| CLEAN | Comprehensive Long-term Environmental Action Navy |
| CMIP | Corrective Measures Implementation Plan |
| CMS | Corrective Measures Study |
| COC | contaminant of concern |
| COI | contaminant of interest |
| COPC | contaminant of potential concern |
| CTL | cleanup target level |
| DCE | dichloroethene |
| DPT | direct push technology |
| ELCR | excess lifetime cancer risk |
| ERA | Ecological Risk Assessment |
| ESE | Environmental Science and Engineering |
| FAC | Florida Administrative Code |
| FDEP | Florida Department of Environmental Protection |
| ft/day | feet per day |
| ft/yr | feet per year |
| GC | gas chromatograph |
| GCTL | Groundwater Cleanup Target Level |
| GIR | General Information Report |
| HLA | Harding Lawson & Associates |
| HI | Hazard Index |
| HQ | Hazard Quotient |
| HSWA | Hazardous and Solid Waste Amendments |
| ICON | ICON Environmental Services, Inc. |
| IM | interim measure |

## ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|---|---|
| IR | Installation Restoration |
| LDR | land disposal restriction |
| LUC | land use control |
| MCL | Maximum Contaminant Level |
| MCS | Media Cleanup Standard |
| mg/kg | milligrams per kilogram |
| mg/L | milligrams per liter |
| msl | mean sea level |
| NACIP | Navy Assessment and Control of Installation Pollutants |
| NADEP | Naval Aviation Depot |
| NADSC | Natural Attenuation Default Source Concentration |
| NAVFAC SE | Naval Facilities Engineering Command Southeast |
| NAVSTA | Naval Station |
| NELP | Navy Environmental Leadership Program |
| NFA | No Further Action |
| NPW | net present worth |
| O&M | operations and maintenance |
| ORC | oxygen-release compound |
| ORP | oxygen/reduction potential |
| OSHA | Occupational Safety and Health Act |
| PA | preliminary assessment |
| PCE | tetrachloroethene |
| POTW | Publicly Owned Treatment Works |
| PPE | personal protective equipment |
| PRB | permeable reactive barrier |
| RCRA | Resource Conservation and Recovery Act |
| RFA | RCRA Facility Assessment |
| RFI | RCRA Facility Investigation |
| RI/FS | Remedial Investigation/Feasibility Study |
| SCTL | Soil Cleanup Target Level |
| SERMC | Southeast Regional Maintenance Center |
| SI | site inspection |
| SIMA | Shore Intermediate Maintenance Activity |
| SVOC | semivolatile organic compound |
| SWCTL | Surface Water Cleanup Target Level |

## ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|---|---|
| SWMU | Solid Waste Management Unit |
| TCE | trichloroethene |
| TDS | total dissolved solids |
| TKN | total Kjeldahl nitrogen |
| TOC | total organic carbon |
| TtNUS | Tetra Tech NUS, Inc. |
| UCL | upper confidence level |
| µg/L | micrograms per liter |
| USACE | United States Army Corps of Engineers |
| USEPA | United States Environmental Protection Agency |
| USGS | United States Geological Survey |
| VC | vinyl chloride |
| VOC | volatile organic compound |
| VSI | Visual Site Inspection |

# EXECUTIVE SUMMARY

A Corrective Measures Study (CMS) has been conducted for Area of Concern (AOC) C at Naval Station (NAVSTA) Mayport, in Mayport, Florida, for the United States Navy, Naval Facilities Engineering Command Southeast (NAVFAC SE), pursuant to the Resource Conservation and Recovery Act (RCRA). This CMS was conducted in accordance with the Hazardous and Solid Waste Amendments (HSWA) Permit 72442-H0-003, revised and reissued by the Florida Department of Environmental Protection (FDEP) in August 2005. The HSWA/RCRA program is designed to identify and cleanup releases of hazardous substances at RCRA-permitted facilities. RCRA ensures that solid and hazardous wastes are managed in an environmentally sound manner. The law applies primarily to facilities that generate or handle hazardous waste.

The RCRA program is conducted in the following three stages:

1. The RCRA Facility Assessment (RFA) identifies solid waste management units (SWMUs), evaluates the potential for releases of contaminants, and determines the need for future investigations.
2. The RCRA Facility Investigation (RFI) then determines the nature, extent, and fate of contaminant releases.
3. The CMS identifies and recommends measures to correct the releases.

The RFI Report for AOC C was issued in August 2003. This report presents the results of the CMS, including the following:

1. Determination of the Media Cleanup Standards (MCSs) using the recently approved regulation Chapter 62-777, Florida Administrative Code (FAC).
2. Selection of contaminants of concern (COCs).
3. Determination of areas and volumes of impacted media exceeding the MCSs.
4. Development, screening, and evaluation of corrective measure alternatives.
5. Recommendation of corrective action to address contaminated media.

This CMS report contains the results of the identification, screening, and evaluation of corrective measure alternatives for all media at AOC C.

**Area of Concern C, Building 191**

AOC C, Building 191, is located in the southeastern portion of the NAVSTA Mayport Turning Basin. Storage areas at Building 191 are used to support ship and shore services at NAVSTA Mayport by providing areas to receive, temporarily store, and distribute supplies. The outlying buildings are used to store warehouse hazardous materials such as solvents and compressed gases. The original boundary of AOC C contained Building 191, Building 1488, and buildings and facilities around the southern portion of Echo Pier.

An investigation conducted in the vicinity of Building 191 to determine the impact of a tetrachloroethene (PCE) release reported the presence of chlorinated compounds in the groundwater near Building 191 along with vinyl chloride downgradient of Building 191 at Echo Pier. It was presumed that the detections on Echo Pier were related to the contaminants detected near Building 191. This led to the formation of AOC C as a formal investigative unit. It was determined after the RFI that there was no correlation between the detections at Building 191 and Echo Pier. As a result, the NAVSTA Mayport Partnering Team revised the boundaries of AOC C to include only Building 191 and a small section of parking lot along its northern side (October Partnering Minutes, 2005).

An interim measure (IM) was conducted to remove contaminated surface soil/sediment from the ditches in front of Building 191 in 2006. Removal of the contaminated soil resulted in soils being eliminated as a media of concern at AOC C.

**Surface Soil – AOC C**

No surface soil COCs exceeding FDEP residential direct exposure SCTLs or SCTLs for leaching to groundwater were identified for AOC C. Therefore, no further action (NFA) is recommended for surface soil at AOC C.

**Subsurface Soil – AOC C**

No subsurface soil COCs exceeding FDEP residential direct exposure SCTLs or SCTLs for leaching to groundwater were identified for AOC C. Therefore, NFA is recommended for subsurface soil at AOC C.

**Surface Water – AOC C**

No surface water COCs were identified for AOC C. No action is recommended for surface water at AOC C.

**Groundwater – AOC C**

Vinyl chloride (VC) and 1,1-dichlorethene (DCE) were the only contaminants in groundwater that exceeded their respective MCS at AOC C. The corrective action for groundwater at AOC C includes approximately 822,000 gallons of contaminated groundwater. Three alternatives were developed for groundwater contamination at AOC C. The alternatives are as follows:

- Groundwater Alternative 1: No Action
- Groundwater Alternative 2: Natural Attenuation, Land Use Controls (LUCs), and Monitoring
- Groundwater Alternative 3: In-Situ Bioremediation, LUCs, and Monitoring

The recommended corrective measure alternative for groundwater at AOC C is Alternative 2. Alternative 2 would implement LUCs to address the limited groundwater contamination at AOC C and prevent the surficial aquifer from being used as a potable water source. Monitoring would assess groundwater quality on an ongoing basis and provide data to verify if the contaminant concentrations in groundwater are decreasing. This alternative would rely on natural attenuation processes in addressing the contaminated groundwater. Natural attenuation has been successful at many sites to address limited groundwater contamination. A more aggressive treatment process is not required because the surficial aquifer is not currently used as a potable water source and impact to the ecological receptors is minimal.

As there are relatively low concentrations of COCs [maximum detected concentrations of 2.2 and 14 micrograms per liter (µg/L) for VC and 1,1-DCE, respectively] in the groundwater, LUCs with monitoring would provide adequate and cost-effective protection of human health and the environment. The MCSs for VC and 1,1-DCE are 1.0 µg/L and 7 µg/L, respectively. Monitoring of LUCs would ensure the surficial aquifer is not used as a potable water source or for residential use (e.g., irrigation). Monitoring the groundwater would verify if any potential danger to the environment or human health was present. The estimated net present worth (NPW) of the total project cost for Alternative 2 over a 30-year timeframe is $263,000, which includes $10,000 for each 5-year review.

The NAVSTA Mayport Partnering Team concurred that implementing LUCs with monitoring would be the most reasonable alternative to address groundwater contamination at AOC C. This decision was made based upon the fact that there is no known source for the site COCs and the site groundwater is not used as a drinking water source. VC and 1,1-DCE were each detected in one site monitoring well at low concentrations that slightly exceeded their respective MCS. Confirmation samples collected during the CMS indicated that COC concentrations had decreased significantly since the RFI sampling event (5-year span). As a result, it was determined that monitored natural attenuation would likely address groundwater contamination at AOC C in a cost effective manner that is protective of both human health and the environment.

# 1.0 INTRODUCTION

A CMS has been conducted for AOC C at NAVSTA Mayport, in Mayport, Florida, by NAVFAC SE, pursuant to the RCRA. Tetra Tech NUS, Inc. (TtNUS) has been contracted by the United States Navy, NAVFAC SE, to complete this CMS under Contract Task Order 0033, Comprehensive Long-term Environmental Action Navy (CLEAN) IV Contract Number N62467-94-D-0055. This report presents the results of the CMS.

## 1.1 SITE BACKGROUND

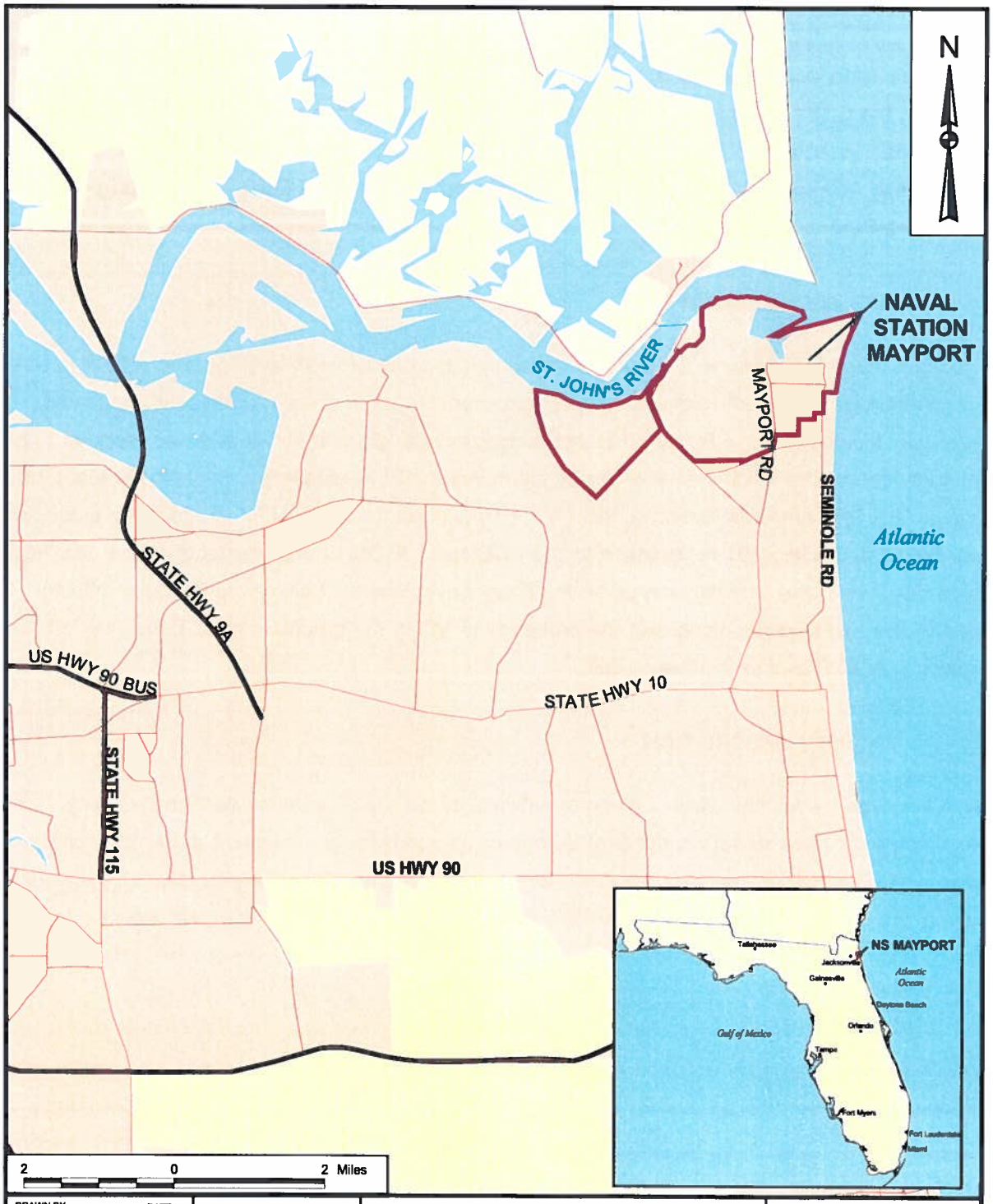
An accident report dated May 4, 1993, documented that approximately 25 to 30 gallons of PCE (a solvent used for dry cleaning) were released from a punctured 55-gallon drum onto asphalt pavement. The release was located north of Building 191 between Buildings 281 and 191-A and was reported to have been contained before it could enter a nearby storm water inlet located approximately 130 feet from the release. ABB Environmental Services, Inc. (ABB-ES) was contracted in 1997 to conduct a groundwater investigation at Building 191 in response to the PCE spill. ICON Environmental Services, Inc. (ICON) also participated in this investigation under the Navy Environmental Leadership Program (NELP). The results of this investigation along with the presence of VC in the groundwater at Echo Pier led to the formation of AOC C as an investigation unit.

## 1.2 FACILITY DESCRIPTION

NAVSTA Mayport is located within the corporate limits of the city of Jacksonville, Duval County, Florida, approximately 12 miles to the northeast of downtown Jacksonville, and adjacent to the town of Mayport (Figure 1-1). The station complex is located on the northern end of a peninsula bound by the Atlantic Ocean to the east and the St. Johns River to the north and west. NAVSTA Mayport occupies the entire northern part of the peninsula except for the town of Mayport, located to the west between the station and the St. Johns River.

NAVSTA Mayport was commissioned in 1942 on approximately 700 acres of land. The station initially consisted of a harbor and an airfield located near the mouth of the St. Johns River. The harbor and airfield were constructed from the dredging and filling of Ribault Bay. The harbor was initially dredged to a depth of 29 feet below mean sea level (msl) and is referred to as the Mayport Turning Basin. The Mayport Turning Basin is surrounded on three sides by ship piers and wharves.

The original mission of the station included use by patrol craft, target boats, and rescue boats. The station was placed in caretaker status from 1946 to 1948. In 1948, the station was reopened, and in 1952, an aircraft carrier was assigned to the station. The turning basin was dredged to a depth of 40 ft to




| | | | |
|---|---|---|---|
| DRAWN BY: S. PAXTON — DATE: 2/26/07 | | FACILITY LOCATION MAP | CONTRACT NUMBER: 0195 |
| CHECKED BY: K. WIMBLE — DATE: 2/26/07 | | AOC C | APPROVED BY: — DATE: — |
| COST/SCHEDULE-AREA | | CORRECTIVE MEASURE STUDY | APPROVED BY: — DATE: — |
| SCALE: AS NOTED | NAVFAC | NAVAL STATION MAYPORT | DRAWING NO.: FIGURE 1 - 1 — REV: 0 |
| | | MAYPORT, FLORIDA | |

P:\GIS\MAYPORT_NS\MAPDOCS\APR\SWMU47_53_55.APR SITE LOCATION LAYOUT 3 2/26/07 SP

allow aircraft carriers and other large ships to berth at NAVSTA Mayport. Using dredge material to fill areas south of the turning basin increased the amount of uplands at NAVSTA Mayport.

NAVSTA Mayport provides all necessary support services for the surface fleet and aircraft stationed at or visiting Mayport. This support includes a variety of services, including infrastructure support, personnel support, facilities support, and ship and aircraft repair and maintenance.

Industrial operations conducted at NAVSTA Mayport involve intermediate level maintenance for both ships and aircraft and vehicle maintenance and repair. Any maintenance activities that can be conducted without putting a ship into dry-dock are considered intermediate. Squadron personnel perform aircraft maintenance in the hangar buildings.

Maintenance and repair operations for ships are carried out by two organizations at NAVSTA Mayport: Southeast Regional Maintenance Center (SERMC) and Naval Aviation Depot (NADEP). Building 1488 [formerly Shore Intermediate Maintenance Activity (SIMA)] and Supervisor of Shipbuilding were combined to form SERMC. SERMC conducts repair and maintenance operations onboard ships at the piers/wharves and in the SERMC operations building. SERMC also contracts out maintenance and repair work. NADEP conducts maintenance operations on aircraft launching and arresting systems in its own building on the station.

## 1.3 REGULATORY SETTING AND FACILITY BACKGROUND

The USEPA issued RCRA Permit Number H016-118598 and HSWA Permit Number FL9 170 024 260 to NAVSTA Mayport on March 25, 1988. The permit was revised and renewed on June 15, 1993. Full RCRA authority to issue HSWA permits was delegated to the State of Florida in November 2000, and the FDEP issued the current RCRA operating permit, including the HSWA Corrective Action, to NAVSTA Mayport on August 30, 2006.

A RFA/Visual Site Inspection (VSI) for NAVSTA Mayport was conducted for the USEPA Region IV in 1989 (Kearny, 1989). The RFA/VSI identified 56 SWMUs and 2 AOCs at NAVSTA Mayport. These SWMUs and AOCs (A and B) were included in the HSWA permit. Fifteen of these SWMUs were determined to require no action. Twenty-three of the remaining SWMUs and the two AOCs (A and B) were determined to require further investigation because hazardous substance releases to the environment were suspected, but not confirmed. The remaining 18 SWMUs were determined to require an RFI because hazardous substance releases to the environment were confirmed and required further characterization to determine the nature and extent of contamination.

Of these 18 SWMUs, 17 were identified in the HSWA permit. The additional SWMU, Building 1600 Blasting Area, was identified during the RFA/VSI and determined to require an RFI. The Navy prepared a final draft RFI Work Plan (C. E. Environmental, 1989) in response to the HSWA permit requirement addressing the 17 permitted SWMUs. The final draft RFI Work Plan was reviewed by applicable regulatory agencies, and their comments were reviewed by the Navy on May 6, 1991 (USEPA, 1991). The USEPA reported in their comments on the final RFI Work Plan that they would address the remaining 39 SWMUs identified during the RFA/VSI under revised permit conditions at a later date. The final draft RFI Work Plan was revised, the Building 1600 Blasting Area was added to the RFI, and a Corrective Action Management Plan (CAMP) was added.

The CAMP contained in the final RFI Work Plan grouped the 56 SWMUs into four groups. Three of these groups were defined geographically by their proximity to one another and to site features such as wetlands, rivers, and land use patterns. The fourth group contains SWMUs and AOCs associated with utility networks and appurtenances that span multi-geographic regions at NAVSTA Mayport.

The CAMP also prioritized the SWMUs according to the perceived relative risks posed by the SWMUs based on the existing knowledge of the sites and past releases. Group I was the highest priority group of SWMUs. The Groups II, III, IV, and AOC C were assigned sequentially lower priorities. A revised CAMP was issued in March 1995 in response to the HSWA permit renewal (ABB-ES, 1995a). The CAMP is revisited every year to incorporate the latest descriptions of the phased approach, proposed schedule, and strategy to implement the RCRA Corrective Action Program at NAVSTA Mayport. AOC C officially became an investigative unit when it was added to the CAMP in 1999 and required an RFI.

AOC C RFI field activities were conducted between 1999 and 2002. The Final RFI for AOC C dated August 2003 recommended that a CMS be conducted to evaluate and recommend a remedial action to mitigate groundwater contamination at AOC C.

## 1.4 PURPOSE

The purpose of this CMS for AOC C at NAVSTA Mayport is as follows:

1. Determination of the MCSs using the recently approved (April 2005) regulation Chapter 62-777, FAC.
2. Selection of COCs.
3. Determination of areas and volumes of impacted media exceeding the MCSs.
4. Development, screening, and evaluation of corrective measure alternatives.
5. Recommendation of corrective action to address contaminated media at AOC C.

## 1.5 CMS METHODOLOGY

This CMS for AOC C uses the CMS process described in the CMS Work Plan (ABB-ES, 1995b) for NAVSTA Mayport with the incorporation of the USEPA guidance for conducting a CMS (USEPA, 1994). The purpose of the CMS is to identify, evaluate, and recommend corrective action for SWMUs or AOCs that warrant such action based on the results of the RFI.

Investigation data documented in the station-wide General Information Report (GIR), the RFI Report, and subsequent IM programs conducted at AOC C were reviewed to gain an understanding of the AOC's physical setting, past history, current conditions, and future land uses. Available validated analytical data for all environmental media were assembled into a single CMS database. The following key components were considered in identifying appropriate corrective action:

- Corrective Action Objectives (CAOs). CAOs are developed to specify the contaminants, media of interest, exposure pathways, and corrective action goals for an AOC.

- MCSs. MCSs are developed based on regulatory requirements, when available, site-specific risk-based factors, or other available information (e.g., leachability of contaminants from soil to groundwater). MCSs were derived for both human and ecological receptors from information presented in the RFI and IM reports, or were developed based on the State of Florida Chapter 62-777, FAC, Cleanup Target Level (CTL) criteria for each medium of concern.

- COCs. Contaminants detected in the media of concern were compared against promulgated regulatory standards or other applicable or relevant and appropriate requirements (ARARs) criteria to identify contaminants of potential concern (COPCs) in each environmental medium for both human and ecological receptors. COCs are developed from the list of COPCs determined in the RFI Report or as updated in the CMS. COCs define the contaminants that will be evaluated for corrective action in the CMS.

- Volumes of Media of Concern. The volumes (or areas) of media of concern at AOC C are determined by considering the requirements for protectiveness as identified in the CAOs and the chemical and physical characterization of the site (i.e., the results and conclusions of the RFI and post-RFI activities). Essentially, the area and depth of a given medium containing concentrations of COCs that exceed the MCSs were used to define the volumes of media of concern.

- Applicable Technologies. Technologies applicable to remediating contaminated media at AOC C are identified and screened. Technologies that cannot be implemented technically are eliminated.

- Corrective Measure Alternatives. Technologies that pass the screening phase are assembled into corrective measure alternatives.

- Evaluation of Corrective Measure Alternatives. Recommended corrective measure alternatives are described and evaluated using four criteria: technical, environmental, human health, and institutional factors.

- Recommendation of Corrective Action. The results of the evaluation of alternatives are summarized and a corrective action is recommended for AOC C.

These components are described further in the CMS Work Plan for NAVSTA Mayport (ABB-ES, 1995b). More detailed discussion of the methodology for MCSs, COCs, and COPCs used in this CMS is provided in the following sections.

### 1.5.1 Contaminants of Concern

The determination of COCs for each medium involves a three-step process:

1. Determine the Contaminants of Interest (COIs).
2. Identify the COPCs.
3. Select the COCs.

COIs and COPCs were determined in the RFI; however, since the RFI was issued additional data have been collected and new regulations have been promulgated. The new regulations updated by FDEP were effective as of April 17, 2005. Therefore, the COIs and COPCs are reevaluated.

#### 1.5.1.1 Contaminants of Interest

The COIs include any contaminant detected at least once in validated analytical results for environmental samples in any medium at the site during any sampling event. For this CMS, the list of COIs originally presented in the RFI was revised by including any contaminants that were detected during any environmental sampling program conducted after the RFI (e.g., IM actions). The lists of COIs for AOC C are presented in Section 3.

### 1.5.1.2 Contaminants of Potential Concern

The selection of COPCs was based on the list of COIs and considered the concentration, occurrence, and distribution of contaminants detected in the environmental media and the environmental conditions at AOC C. The COPC selection considered all available validated soil and groundwater sample results and included several rounds of sampling conducted after the RFI Report was submitted.

Calcium, magnesium, potassium, and sodium were considered to be essential human nutrients and were not considered in the COPC selection process. In addition, several water quality parameters that were measured during the groundwater analyses were not evaluated, including alkalinity, hardness, sulfide, total dissolved solids (TDS), total Kjeldahl nitrogen (TKN), total organic carbon (TOC), and total phosphorus.

**Soil**

The COPC selection process for soil was conducted in two separate evaluations: direct exposure and leachability. The direct exposure evaluation was performed in a two step process: initial COPCs and final COPCs.

For direct exposure, the published CTLs provided in Chapter 62-777, FAC were used to identify COPCs. The maximum detected concentration for each COI was compared to the "target level" to determine the COPCs. The list of COIs was also screened to eliminate common laboratory contaminants, to eliminate samples of poor quality or which provided spurious results, and on the basis of low frequency of detection (less than 5 percent). Also, contaminants whose maximum concentration was less than the background screening value (BSV) (or under certain conditions, contaminants whose maximum concentration was within the background range) were screened out. The BSVs for surface and subsurface soil that were developed for NAVSTA Mayport are presented in Section 2.4 of this report.

For leachability, the maximum concentration for each COI was compared to the leachability table value in Chapter 62-777, FAC. The list of COIs was also screened to eliminate common laboratory contaminants, to eliminate samples of poor quality or which provided spurious results, and on the basis of low frequency of detection (less than 5 percent). Also, contaminants whose maximum concentration was less than the BSV (or under certain conditions, contaminants whose maximum concentration was within the background range) were screened out. If the maximum concentration exceeded the leachability CTL, then the contaminant became a COPC.

**Groundwater**

The COPC selection process for groundwater was performed following a similar process that was used for soil. For groundwater that discharges into surface water, an additional evaluation was performed.

The maximum detected COI concentration was compared to the "target level" to determine the COPCs. The list of COIs was also screened to eliminate common laboratory contaminants, to eliminate samples of poor quality or which provided spurious results, and on the basis of low frequency of detection (less than 5 percent). Also, contaminants whose maximum concentration was less than the BSV (or under certain conditions, contaminants whose maximum concentration was within the background range) were screened out. The BSVs for groundwater and surface water that were developed for NAVSTA Mayport are presented in Section 2.4 of this report.

For contaminants with a primary or secondary standard, the maximum concentration was compared to the GCTL. The list of COIs was also screened to eliminate common laboratory contaminants, to eliminate samples of poor quality or which provided spurious results, and on the basis of low frequency of detection (less than 5 percent). Also, contaminants whose maximum concentration was less than the BSV, or under certain conditions, contaminants whose maximum concentration was within the background range, were screened out. A contaminant with a primary or secondary standard became a COPC if the maximum concentration exceeded the GCTLs listed in Chapter 62-777, FAC.

For groundwater that discharges into surface water, the maximum concentration for each COI was compared to either the Freshwater Surface Water Criteria or the Marine Surface Water Criteria table value in Chapter 62-777, FAC, depending on the groundwater discharge point. The list of initial COIs was also screened to eliminate common laboratory contaminants, to eliminate samples of poor quality or which provided spurious results, and on the basis of low frequency of detection (less than 5 percent). Also, contaminants whose maximum concentration was less than the BSV, or under certain conditions, contaminants whose maximum concentration was within the background range, were screened out. If the maximum concentration exceeded the Freshwater Surface Water Criteria or the Marine Surface Water Criteria CTL, then the contaminant became a COPC.

**Selection of Contaminants of Concern**

The list of contaminants identified as COPCs may not represent a true picture of the media-specific contaminant concentrations or realistic risk exposure at a site. In order to represent overall contaminant concentration levels and exposures, COCs were developed from the list of COPCs. COCs were

**Groundwater – AOC C**

Vinyl chloride (VC) and 1,1-dichlorethene (DCE) were the only contaminants in groundwater that exceeded their respective MCS at AOC C. The corrective action for groundwater at AOC C includes approximately 822,000 gallons of contaminated groundwater. Three alternatives were developed for groundwater contamination at AOC C. The alternatives are as follows:

- Groundwater Alternative 1: No Action
- Groundwater Alternative 2: Natural Attenuation, Land Use Controls (LUCs), and Monitoring
- Groundwater Alternative 3: In-Situ Bioremediation, LUCs, and Monitoring

The recommended corrective measure alternative for groundwater at AOC C is Alternative 2. Alternative 2 would implement LUCs to address the limited groundwater contamination at AOC C and prevent the surficial aquifer from being used as a potable water source. Monitoring would assess groundwater quality on an ongoing basis and provide data to verify if the contaminant concentrations in groundwater are decreasing. This alternative would rely on natural attenuation processes in addressing the contaminated groundwater. Natural attenuation has been successful at many sites to address limited groundwater contamination. A more aggressive treatment process is not required because the surficial aquifer is not currently used as a potable water source and impact to the ecological receptors is minimal.

As there are relatively low concentrations of COCs [maximum detected concentrations of 2.2 and 14 micrograms per liter (µg/L) for VC and 1,1-DCE, respectively] in the groundwater, LUCs with monitoring would provide adequate and cost-effective protection of human health and the environment. The MCSs for VC and 1,1-DCE are 1.0 µg/L and 7 µg/L, respectively. Monitoring of LUCs would ensure the surficial aquifer is not used as a potable water source or for residential use (e.g., irrigation). Monitoring the groundwater would verify if any potential danger to the environment or human health was present. The estimated net present worth (NPW) of the total project cost for Alternative 2 over a 30-year timeframe is $263,000, which includes $10,000 for each 5-year review.

The NAVSTA Mayport Partnering Team concurred that implementing LUCs with monitoring would be the most reasonable alternative to address groundwater contamination at AOC C. This decision was made based upon the fact that there is no known source for the site COCs and the site groundwater is not used as a drinking water source. VC and 1,1-DCE were each detected in one site monitoring well at low concentrations that slightly exceeded their respective MCS. Confirmation samples collected during the CMS indicated that COC concentrations had decreased significantly since the RFI sampling event (5-year span). As a result, it was determined that monitored natural attenuation would likely address groundwater contamination at AOC C in a cost effective manner that is protective of both human health and the environment.

# 2.0 DESCRIPTION OF CURRENT SITE CONDITIONS AND SUMMARY OF SITE-SPECIFIC INVESTIGATIONS

A detailed description of the physical characteristics of NAVSTA Mayport is provided in the NAVSTA Mayport GIR (ABB-ES, 1995a). Information including topography, demography, climate, soil types, and regional geology and hydrogeology has been presented in the GIR and will not be repeated in this report. The following discussion is a summary of geologic and hydrologic data collected at AOC C from current and past investigations dating from 1993 through 2000.

## 2.1 SITE DESCRIPTION AND BACKGROUND

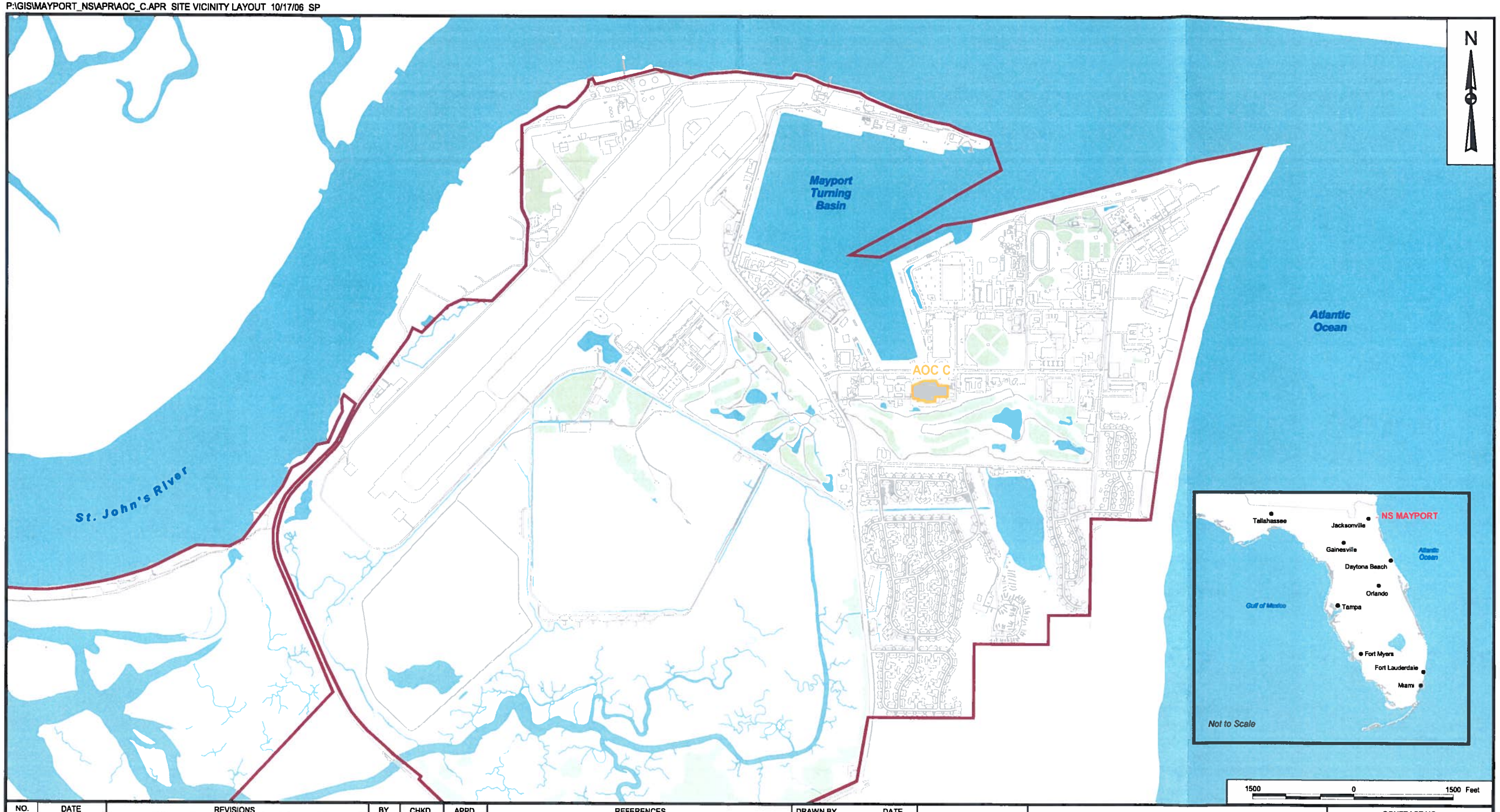
AOC C is located in the southeastern portion of the NAVSTA Mayport Turning Basin. Figure 2-1 is a site map of AOC C. An investigation conducted in the vicinity of the Building 191 PCE release reported the presence of chlorinated compounds in the groundwater near Building 191 along with vinyl chloride downgradient of Building 191 at Echo Pier. It was presumed that the detections on Echo Pier were related to the contaminants detected near Building 191. This led to the formation of AOC C as a formal investigative unit. It was determined after the RFI that there was no correlation between the detections at Building 191 and Echo Pier. As a result, the NAVSTA Mayport Partnering Team revised the boundaries of AOC C to include only Building 191 and a small section of parking lot along its northern side, the original AOC C boundary (October Partnering Minutes, 2005).

Storage areas at Building 191 are used to support ship and shore services at NAVSTA Mayport. The outlying buildings are used to store warehouse hazardous materials such as solvents and compressed gasses. These buildings or structures include one Quonset building (Building 2023), an open-sided covered structure with concrete floor (Building 191-A), and an aluminum-constructed structure (Building 191-C). Quonset Building 264, which was previously located on site, has been demolished. A site location map is provided on Figure 2-1 and a site plan on Figure 2-2.

Potential sources of contamination include petroleum product line failures and historical releases of chemicals (i.e., solvents, etc.) stored on site.

Echo Pier is located in the southeastern section of the Mayport Turning Basin adjacent and west of SERMC and north of Building 191. Ships berthed at Echo Pier undergo mechanical, electrical, and minor structural maintenance and repair. Potential sources of contamination at Echo Pier include petroleum product line failures.

P:\GIS\MAYPORT_NS\APR\AOC_C.APR SITE VICINITY LAYOUT 10/17/06 SP




| NO. | DATE | REVISIONS | BY | CHKD | APPD | REFERENCES |
|---|---|---|---|---|---|---|
| | | | | | | |

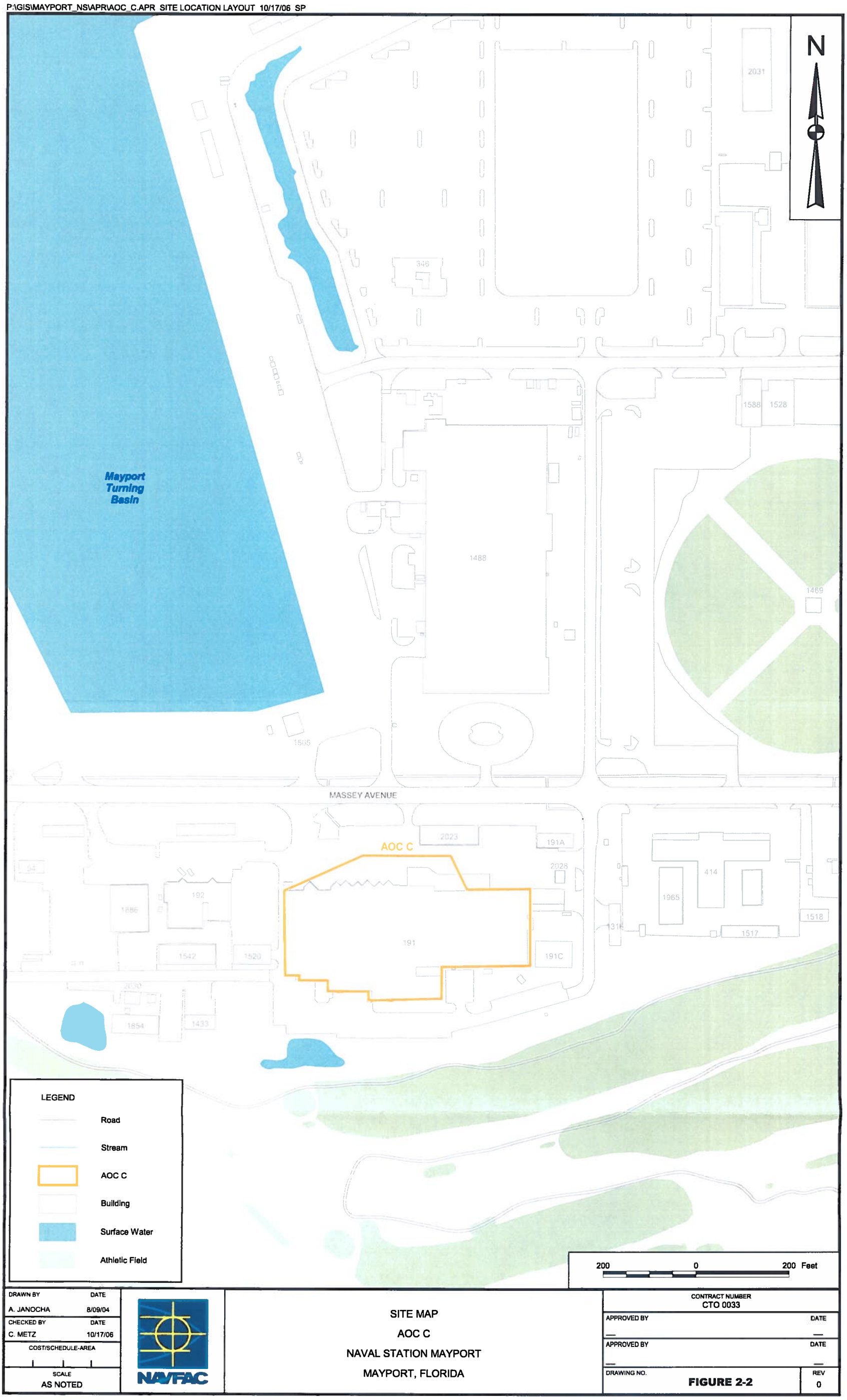
| | |
|---|---|
| DRAWN BY A. JANOCHA | DATE 8/09/04 |
| CHECKED BY C. METZ | DATE 10/17/06 |
| COST/SCHED-AREA | |
| SCALE AS NOTED | |

NAVFAC

SITE VICINITY MAP
AOC C
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

| | |
|---|---|
| CONTRACT NO. CTO 0033 | |
| APPROVED BY | DATE |
| APPROVED BY | DATE |
| DRAWING NO **FIGURE 2-1** | REV. 0 |

P:\GIS\MAYPORT_NS\APR\AOC_C.APR SITE LOCATION LAYOUT 10/17/06 SP




| | | | |
|---|---|---|---|
| DRAWN BY: A. JANOCHA | DATE: 8/09/04 | SITE MAP<br>AOC C<br>NAVAL STATION MAYPORT<br>MAYPORT, FLORIDA | CONTRACT NUMBER: CTO 0033 |
| CHECKED BY: C. METZ | DATE: 10/17/06 | | APPROVED BY: — DATE: — |
| COST/SCHEDULE-AREA | | | APPROVED BY: — DATE: — |
| SCALE: AS NOTED | | | DRAWING NO.: FIGURE 2-2 REV: 0 |

## 2.2 SITE GEOLOGY AND HYDROGEOLOGY

Geology data at AOC C were not obtained during this field investigation; therefore, data discussed in this section relies on information collected during previous field investigations at AOC C and is primarily limited to the Building 191 area. Site-specific geological information is available to 50 feet below ground surface (bgs), which comprises the surficial aquifer. AOC C geological features below the surficial aquifer are likely similar to regional geological features summarized in Section 2.1 and discussed thoroughly in Section 1.4.5 of the Mayport GIR (ABB-ES, 1995a).

Lithologic sampling and borehole geophysical surveys were conducted at Building 191 by ICON during an investigation performed under NELP. The results of the investigation are presented in the Final Contamination Assessment Report, Additional Sampling Using Innovative Technology/Methodology at the SWMU 15 and Building 191 Area (ICON, 1998). Harding Lawson & Associates (HLA) also summarized the results and interpretations of the ICON study in the report Technical Memorandum, Groundwater Assessment of Tetrachloroethene Release Near Building 191, Naval Station Mayport (HLA, 1999). ICON identified three aquifer zones in the surficial aquifer unit beneath Building 191. The three zones are summarized as follows:

- The shallow or water table zone of the surficial aquifer (Zone A) consists of the interval from the water table, which occurred from approximately 3 to 5 feet bgs to a depth of approximately 33 feet bgs, where a 3-foot thick gray silty clay layer was usually encountered. This clay layer was not apparent in the northern part of the site near Massey Avenue. The shallow aquifer consists of well-graded (poorly sorted) quartz sand with some shell fragments. At a depth of approximately 24 feet bgs, a 3-inch thick limestone seam was sporadically encountered.

- The intermediate zone of the surficial aquifer (Zone B) consists of a permeable zone of gray silty sand between 36 to 39 feet bgs. A greenish-gray sandy clay layer approximately 4-foot thick is encountered at approximately 39 feet bgs forming the lower boundary of Zone B. This aquitard was discontinuous or missing in the southern portion of Building 191.

- The deep zone of the surficial aquifer (Zone C) consists of a permeable dark gray silty sand with some shell fragments from approximately 43 to 47 feet bgs. At 47 feet bgs, a 2-foot thick dark-gray silty clay was encountered as the lower boundary of Zone C. This aquitard appears to be continuous across the Building 191 area and likely represents the top of the Hawthorn Formation.

The ICON and HLA reports provide more extensive geologic and hydrogeologic data for AOC C and were provided in the Appendix of the RFI Report for AOC C (TtNUS, 2003).

## 2.3 SITE HYDROLOGY

Water levels collected during the confirmation assessment phase of the field investigation indicated that groundwater flow in the shallow zone varies from the groundwater flow in intermediate and deep zones of the surficial aquifer. Groundwater flow in the shallow zone of the surficial aquifer is toward the southwest at Building 191 and west toward the Mayport Turning Basin at Building 1488 and Echo Pier. Groundwater flow in the intermediate and deep zones of the surficial aquifer is generally northwest toward the Mayport Turning Basin with some localized variation. Provide a reference of where this determination was made.

Review of groundwater elevations in the nested well set suggests there is limited communication between the shallow zone and the intermediate and deep zones of the surficial aquifer. This finding is consistent with the variations in groundwater flow shown on the shallow, intermediate, and deep potentiometric surface maps, shown on historical Figures 2-1, 2-2, and 2-3, respectively (see Appendix A) (TtNUS, 2003). The intermediate and deep zones have greater hydrogeologic communication.

An average horizontal hydraulic gradient of 0.033, 0.071, and 0.061 foot per foot was calculated for the shallow, intermediate, and deep zones of the surficial aquifer, respectively. The average was calculated using synoptic water level data obtained during a February 2001 water level data collection event. ICON determined vertical hydraulic gradients during the 1997 field effort. An upward vertical gradient existing in the northeast portion of the Building 191 area flattens and is negligible at the northwest corner of the site. A downward vertical hydraulic gradient of 0.032 was observed to the west and south of Building 191.

Aquifer testing was performed by ABB-ES during the 1995 groundwater assessment at Building 191 and by HLA and ICON during the 1997 expanded groundwater assessment at Building 191. Hydraulic conductivity values ranging from approximately 1.4 feet per day (ft/day) (MPT-TC-MW06S) to 20.5 ft/day (MPT-TC-MW03S), with an average hydraulic conductivity value of 11.3 ft/day, were obtained during the 1995 field event (ABB-ES, 1996a). Hydraulic conductivity values ranging from approximately 1.43 ft/day (MPT-TC-DPW09I) to 106.7 ft/day (MPT-TC-MW08S), with an average hydraulic conductivity value of approximately 38 ft/day, were obtained during the 1997 field event (HLA, 1999). There have not been any in-situ hydraulic conductivity measurements performed near Echo Pier or SERMC.

An approximation of horizontal flow velocity of groundwater in the water table zone of the surficial aquifer at AOC C is based on the potentiometric surface (hydraulic gradient) of the water table, estimate of hydraulic conductivities at monitoring well locations, and an estimate of porosity of the saturated subsurface soil. The horizontal linear velocities were calculated from a modified form of Darcy's equation and represent the ratio of linear travel distance to travel time between two points (TtNUS, 2003). The

horizontal linear velocity is expressed as $V_D/N_e$ where $V_D$ is the Darcy velocity ($V_D = KI$, K = radial hydraulic conductivity, and I = hydraulic gradient) and $N_e$ is the effective porosity of the saturated geologic stratum. An effective porosity of 0.35 was used in the calculations [see Subsection 3.2.3, Physical Characteristics of Soil, in the NAVSTA Mayport GIR (ABB-ES, 1995a)].

Based on the values for horizontal linear velocity and assuming no dilution, dispersion, or retardation, a contaminant in the water table zone of the surficial aquifer may travel at rates of 16 to 235 feet per year (ft/yr) and average approximately 130 ft/yr near Building 191 (ABB-ES, 1996a). These rates may be different for areas near SERMC and Echo Pier.

### 2.3.1 AOC C Groundwater Model

A three-dimensional groundwater flow model was created for AOC C following completion of the RFI. It was created to be a smaller-scale, higher-resolution local model based on the regional-scale United States Geological Survey (USGS) model (TtNUS, 2003). The RFI made reference that the groundwater model would be created and added as an addendum. After review of the model by the NAVSTA Mayport Partnering Team, they concluded that it did not provide enough additional and conclusive groundwater flow data to warrant being added to the RFI as an addendum. The groundwater flow model is included in Appendix A, Historical Documents, of this CMS.

### 2.3.2 Tidal Influence

A tidal influence survey was not completed for the AOC C RFI. Tidal influence surveys have been performed for the Groups I, II, and III RFIs. Although the surveys provide insight into tidal influence at NAVSTA Mayport along the St. Johns River, the extent of influence may be different in areas surrounding the Mayport Turning Basin due to construction materials (i.e., sheet piling, concrete, etc.) to depths exceeding 40 feet bgs. A smaller scale tidal influence survey was completed for a contamination assessment performed at SERMC (TtNUS, 2003). Two wells, MAY-1490-1 (11 feet bgs) and MAY-1490-5 (22.96 feet bgs), were monitored at 15-minute intervals over a 24-hour period. Results of the survey indicated a maximum fluctuation of 0.23 feet. The report concluded that the minor fluctuations did not appear to significantly affect groundwater flow direction.

## 2.4 BACKGROUND SCREENING VALUES FOR NAVSTA MAYPORT

BSVs were originally calculated and presented in the RCRA GIR (ABB-ES, 1995a). The calculation was based on analytical results for samples from each medium of concern including groundwater, surface soil, subsurface soil, sediment, and surface water. During review of the background data, it was determined

that certain procedures used during the original background calculations were not consistent with current regulatory guidelines, and apparent spurious or problematic results were present in the data used to perform the calculations. A recalculation of the BSVs was therefore performed primarily to conform with newer regulatory guidance that recommends how concentrations below analytical detection limit are used in the mathematical treatment of the data (TtNUS, 2000).

It was noted during review of the background data sets that many of the results for each medium sampled were below the detection limits of the laboratory methods used. Consequently, the use of one-half the detection limit for results below analytical detection limit in the recalculation methodology may result in an unnatural lowering of the mean concentration. Therefore, the BSV was compared with the maximum background concentration in each medium's data set. If the BSV (i.e., 2 times the mean of the background data set) for a contaminant was less than the maximum concentration for that contaminant, then the BSV for that contaminant was bolded and footnoted in Tables 2-1 through 2-5. For these contaminants, if a contaminant was detected in a site medium at a concentration between the BSV and the maximum detected concentration, then these contaminants received additional evaluation on a case by case basis to determine if the site detection represents the upper range of background or a site release. Tables 2-1 through 2-5 present the recalculated BSVs for each medium at NAVSTA Mayport.

## 2.5 SUMMARY OF PREVIOUS INVESTIGATIONS

This section summarizes previous investigations applicable to AOC C at NAVSTA Mayport. The reports listed below (in chronological order) were written to document the results of the previous investigations at AOC C. A copy of these reports was provided in the appendix of the RFI for AOC C.

- The Contamination Assessment Report for Naval Station Mayport Building 191 [Environmental Science and Engineering, Inc. (ESE), 1994].

- The Solid Waste Management Unit Assessment Report for Tetrachloroethene Release near Building 191, Naval Station Mayport (ABB-ES, 1996a).

- Final Contamination Assessment Report, Additional Assessment Using Innovative Technology/Methodology at the SWMU 15 and Building 191 Area, NAVSTA Mayport (ICON, 1998).

# TABLE 2-1
## STATISTICS AND BACKGROUND SCREENING VALUES – SURFACE SOIL
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| Chemical | Frequency of Detection [1] | Range of Reporting Limits [2] | Range of Detected Concentrations [2] | Arithmetic Mean [3] | BSV [4] |
|---|---|---|---|---|---|
| **Inorganics (mg/kg)** | | | | | |
| Antimony | 0 / 6 | 5.2 -- 6 | --[5] | ND[5] | ND[5] |
| Arsenic | 0 / 6 | 0.76 -- 2.6 | --[5] | ND[5] | ND[5] |
| Barium | 6 / 6 | --[6] | 0.76 -- 5 | 2.75 | 5.50 |
| Beryllium | 1 / 6 | 0.06 -- 0.07 | 0.09 | 0.05 | 0.09 |
| Cadmium | 1 / 6 | 0.83 -- 0.96 | 1 -- 1 | 0.5 | 1.1 |
| Chromium | 6 / 6 | --[6] | 0.68 -- 2.5 | 1.3 | 2.6 |
| Cobalt | 0 / 6 | 0.47 -- 0.55 | --[5] | ND[5] | ND[5] |
| Copper | 1 / 6 | 0.35 -- 0.41 | 2.1 | 0.35 | **0.69**[7] |
| Cyanide | 0 / 6 | 0.16 -- 0.18 | --[5] | ND[5] | ND[5] |
| Lead | 0 / 6 | 0.25 -- 1.7 | --[5] | ND[5] | ND[5] |
| Mercury | 0 / 6 | 0.03 -- 0.07 | --[5] | ND[5] | ND[5] |
| Nickel | 0 / 6 | 2.6 -- 3 | --[5] | ND[5] | ND[5] |
| Selenium | 5 / 6 | 0.45 -- 0.45 | 0.47 -- 0.86 | 0.6 | 1.2 |
| Silver | 0 / 6 | 0.51 -- 0.59 | --[5] | ND[5] | ND[5] |
| Thallium | 4 / 6 | 0.53 -- 0.62 | 0.77 -- 1.1 | 0.7 | 1.4 |
| Tin | 0 / 6 | 7.3 -- 8.5 | --[5] | ND[5] | ND[5] |
| Vanadium | 5 / 6 | 0.46 -- 0.46 | 1.2 -- 2.5 | 1.7 | 3.4 |
| Zinc | 6 / 6 | --[6] | 0.35 -- 1.9 | 1.3 | 2.7 |
| **Miscellaneous Parameters (mg/kg)** | | | | | |
| Total Organic Carbon | 6 / 6 | --[6] | 1,440 -- 8,030 | 3,499 | **6,998**[7] |

Notes:
1 Frequency of detection is the number of samples in which the analyte was detected divided by the total number of samples analyzed (excluding rejected results); duplicates included but not counted.
2 Ranges include duplicate and/or resample results, where appropriate.
3 The mean includes detected concentrations and one-half the laboratory reporting limit for nondetect results; duplicate samples and resample results were averaged prior to calculation of the mean.
4 BSV is twice the arithmetic mean of the data.
5 All results were nondetects (ND); mean and BSV not applicable.
6 All results were positive detects.
7 Bold BSV indicates that value is less than maximum concentration of that chemical.

BSV = Background screening value
mg/kg = milligrams per kilogram

# TABLE 2-2
## STATISTICS AND BACKGROUND SCREENING VALUES – SUBSURFACE SOIL
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| Chemical | Frequency of Detection [1] | Range of Reporting Limits [2] | Range of Detected Concentrations [2] | Arithmetic Mean [3] | BSV [4] |
|---|---|---|---|---|---|
| **Inorganics (mg/kg)** | | | | | |
| Antimony | 0 / 4 | 1.1 -- 1.2 | --[5] | ND [5] | ND [5] |
| Arsenic | 3 / 4 | 0.13 -- 0.13 | 0.33 -- 0.58 | 0.35 | 0.70 |
| Barium | 4 / 4 | --[6] | 1.9 -- 6.8 | 3.6 | 7.2 |
| Beryllium | 1 / 4 | 0.07 -- 0.07 | 0.07 | 0.04 | 0.09 |
| Cadmium | 0 / 4 | 0.22 -- 0.23 | --[5] | ND [5] | ND [5] |
| Chromium | 3 / 4 | 0.57 -- 0.57 | 1.4 -- 3 | 1.4 | 2.7 |
| Cobalt | 1 / 4 | 0.67 -- 0.72 | 0.71 | 0.4 | 0.8 |
| Copper | 2 / 4 | 0.2 -- 0.9 | 1.4 -- 2.3 | 1.0 | **2.1** [7] |
| Cyanide | 1 / 4 | 0.15 -- 0.16 | 0.58 | 0.1 | **0.3** [7] |
| Lead | 2 / 4 | 0.58 -- 0.59 | 0.75 -- 1.9 | 0.83 | **1.66** [7] |
| Mercury | 3 / 4 | 0.03 -- 0.03 | 0.03 -- 0.03 | 0.02 | 0.05 |
| Nickel | 0 / 4 | 1.3 -- 1.4 | --[5] | ND [5] | ND [5] |
| Selenium | 0 / 4 | 0.13 -- 0.14 | --[5] | ND [5] | ND [5] |
| Silver | 0 / 4 | 0.45 -- 0.49 | --[5] | ND [5] | ND [5] |
| Thallium | 0 / 4 | 0.13 -- 0.14 | --[5] | ND [5] | ND [5] |
| Tin | 4 / 4 | --[6] | 2.2 -- 4 | 2.7 | 5.4 |
| Vanadium | 4 / 4 | --[6] | 0.71 -- 2.5 | 1.6 | 3.1 |
| Zinc | 4 / 4 | --[6] | 2 -- 2.9 | 2.4 | 4.9 |

Notes:
1 Frequency of detection is the number of samples in which the analyte was detected divided by the total number of samples analyzed (excluding rejected results); duplicates included but not counted.
2 Ranges include duplicate and/or resample results, where appropriate.
3 The mean includes detected concentrations and one-half the laboratory reporting limit for nondetect results; duplicate samples and resample results were averaged prior to calculation of the mean.
4 BSV is twice the arithmetic mean of the data.
5 All results were nondetects (ND); mean and BSV not applicable.
6 All results were positive detects.
7 Bold BSV indicates that value is less than maximum concentration of that chemical.

BSV = Background screening value
mg/kg = milligrams per kilogram

# TABLE 2-3
## STATISTICS AND BACKGROUND SCREENING VALUES – GROUNDWATER
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| Chemical | Frequency of Detection [1] | Range of Reporting Limits [2] | Range of Detected Concentrations [2] | Arithmetic Mean [3] | BSV [4] |
|---|---|---|---|---|---|
| **Inorganics (µg/L)** | | | | | |
| Arsenic | 5 / 8 | 0.6 -- 6 | 0.6 -- 6 | 2.6 | **5.3** [5] |
| Antimony | 0 / 8 | 2.2 -- 50 | -- [6] | ND [6] | ND [6] |
| Barium | 5 / 8 | 1.2 -- 3.3 | 6.4 -- 75.5 | 18.9 | **37.8** [5] |
| Beryllium | 0 / 8 | 0.18 -- 0.3 | -- [6] | ND [6] | ND [6] |
| Cadmium | 0 / 8 | 1 -- 3 | -- [6] | ND [6] | ND [6] |
| Calcium | 8 / 8 | -- [7] | 65,000 -- 251,000 | 113,063 | **226,125** [5] |
| Chromium | 0 / 8 | 2 -- 2.6 | -- [6] | ND [6] | ND [6] |
| Cobalt | 0 / 8 | 2.7 -- 3.1 | -- [6] | ND [6] | ND [6] |
| Copper | 0 / 8 | 0.9 -- 12.7 | -- [6] | ND [6] | ND [6] |
| Cyanide | 1 / 8 | 0.81 -- 2.7 | 0.95 | 1 | 2 |
| Iron | 6 / 8 | 68.2 -- 78.6 | 15.4 -- 660 | 247 | **494** [5] |
| Lead | 1 / 8 | 0.6 -- 6 | 1.5 | 1 | 2 |
| Magnesium | 6 / 8 | 18,800 -- 19,700 | 28,60 -- 419,000 | 92,196 | **184,393** [5] |
| Manganese | 6 / 8 | 20.1 -- 23.6 | 7.1 -- 228 | 70 | **141** [5] |
| Mercury | 2 / 8 | 0.08 -- 0.5 | 0.08 -- 0.1 | 0.08 | 0.16 |
| Nickel | 0 / 8 | 5.9 -- 7.3 | -- [6] | ND [6] | ND [6] |
| Selenium | 0 / 6 | 0.6 -- 13.2 | -- [6] | ND [6] | ND [6] |
| Silver | 0 / 8 | 2.1 -- 2.3 | -- [6] | ND [6] | ND [6] |
| Sodium | 6 / 8 | 31,500 -- 39,500 | 9,300 -- 3,310,000 | 762,294 | **1,524,588** [5] |
| Thallium | 0 / 8 | 0.6 -- 6 | -- [6] | ND [6] | ND [6] |
| Tin | 0 / 8 | 8 -- 9.4 | -- [6] | ND [6] | ND [6] |
| Vanadium | 6 / 8 | 1.5 -- 1.7 | 2.3 -- 5.8 | 3 | 6 |
| Zinc | 1 / 8 | 1.82 -- 8.8 | 4.3 | 2.9 | 5.8 |
| **Miscellaneous Parameters (mg/L)** | | | | | |
| Ammonia, as nitrogen | 3 / 3 | -- [7] | 0.7 -- 1.3 | 1.0 | 2.1 |
| Chloride | 6 / 6 | -- [7] | 15 -- 6,600 | 1,142 | **2,284** [5] |
| Sulfate | 6 / 6 | -- [7] | 36.4 -- 1,230 | 257 | 514 |
| Total dissolved solids | 6 / 6 | -- [7] | 417 -- 8,150 | 1,881 | 3,762 |

Notes:
1 Frequency of detection is the number of samples in which the analyte was detected divided by the total number of samples analyzed (excluding rejected results); duplicates included but not counted.
2 Ranges include duplicate and/or resample results, where appropriate.
3 The mean includes detected concentrations and one-half the laboratory reporting limit for nondetect results; duplicate samples and resample results were averaged prior to calculation of the mean.
4 BSV is twice the arithmetic mean of the data.
5 Bold BSV indicates that value is less than maximum concentration of that chemical.
6 All results were nondetects (ND); mean and BSV not applicable.
7 All results were positive detects.

BSV = Background screening value
mg/L = milligrams per liter
µg/L = micrograms per liter

# TABLE 2-4
# STATISTICS AND BACKGROUND SCREENING VALUES – SEDIMENT
# AOC C CORRECTIVE MEASURES STUDY
# NAVAL STATION MAYPORT
# MAYPORT, FLORIDA

| Chemical | Frequency of Detection [1] | Range of Reporting Limits [2] | Range of Detected Concentrations [2] | Arithmetic Mean [3] | BSV [4] |
|---|---|---|---|---|---|
| **Inorganics (mg/kg)** | | | | | |
| Antimony | 0 / 8 | 0.94 -- 18.2 | --[5] | ND [5] | ND [5] |
| Arsenic | 4 / 8 | 0.01 -- 0.21 | 0.68 -- 6.6 | 1.2 | **2.5** [6] |
| Barium | 8 / 8 | 0 -- 0 | 3.6 -- 16.1 | 7.2 | **14.3** [6] |
| Beryllium | 2 / 8 | 0.045 -- 0.59 | 0.1 -- 0.47 | 0.1 | **0.2** [6] |
| Cadmium | 1 / 8 | 0.44 -- 1.3 | 0.82 | 0.5 | 0.9 |
| Chromium | 8 / 8 | 0 -- 0 | 1.3 -- 28.1 | 7.3 | **14.7** [6] |
| Cobalt | 1 / 8 | 0.56 -- 6.4 | 2.4 | 1.0 | **2.0** [6] |
| Copper | 7 / 8 | 0.43 -- 0.43 | 0.88 -- 7.5 | 2.5 | **5.0** [6] |
| Cyanide | 0 / 5 | 0.07 -- 0.22 | --[5] | ND [5] | ND [5] |
| Lead | 6 / 8 | 0.2 -- 1.2 | 1.5 -- 10 | 3.4 | **6.8** [6] |
| Mercury | 3 / 8 | 0.04 -- 0.24 | 0.22 -- 1.1 | 0.2 | **0.3** [6] |
| Nickel | 3 / 8 | 2 -- 3.6 | 5.1 -- 7.1 | 3.1 | **6.2** [6] |
| Selenium | 6 / 8 | 0.56 -- 1.1 | 0.32 -- 0.81 | 0.5 | 1.1 |
| Silver | 0 / 8 | 0.6 -- 1.1 | --[5] | ND [5] | ND [5] |
| Thallium | 1 / 8 | 0.39 -- 0.74 | 0.88 | 0.3 | **0.7** [6] |
| Tin | 1 / 8 | 5 -- 94.8 | 12.3 | 17.9 | 35.8 |
| Vanadium | 8 / 8 | --[7] | 1.6 -- 28.4 | 7.1 | **14.3** [6] |
| Zinc | 8 / 8 | --[7] | 2.1 -- 34.3 | 12.1 | **24.2** [6] |
| **Miscellaneous Parameters (mg/kg)** | | | | | |
| Total organic carbon | 5 / 5 | --[7] | 5,160 -- 20,400 | 9,364 | **18,728** [6] |

Notes:
1 Frequency of detection is the number of samples in which the analyte was detected divided by the total number of samples analyzed (excluding rejected results); duplicates included but not counted.
2 Ranges include duplicate and/or resample results, where appropriate.
3 The mean includes detected concentrations and one-half the laboratory reporting limit for nondetect results; duplicate samples and resample results were averaged prior to calculation of the mean.
4 BSV is twice the arithmetic mean of the data.
5 All results were ND; mean and BSV screening value not applicable.
6 Bold BSV Screen result indicates that value is less than maximum concentration of that chemical.
7 All results were positive detects.

BSV = Background screening value
mg/kg = milligrams per kilogram

# TABLE 2-5
# STATISTICS AND BACKGROUND SCREENING VALUES – SURFACE WATER
# AOC C CORRECTIVE MEASURES STUDY
# NAVAL STATION MAYPORT
# MAYPORT, FLORIDA

| Chemical | Frequency of Detection [1] | Range of Reporting Limits [2] | Range of Detected Concentrations [2] | Arithmetic Mean [3] | BSV [4] |
|---|---|---|---|---|---|
| **Inorganics (µg/L)** | | | | | |
| Antimony | 1 / 8 | 3.1 -- 40 | 57.5 | 17.5 | **35** [5] |
| Arsenic | 5 / 8 | 0.9 -- 6.9 | 0.86 -- 8.1 | 2.8 | **5.6** [5] |
| Barium | 8 / 8 | -- [6] | 6.8 -- 15.4 | 11.4 | 22.9 |
| Beryllium | 0 / 8 | 0.1 -- 0.27 | -- [7] | ND [7] | ND [7] |
| Cadmium | 1 / 8 | 1.6 -- 4 | 2.4 | 1.6 | 3.1 |
| Calcium | 4 / 4 | * -- [6] * | 71,100 -- 168,000 | 141,088 | 282,175 |
| Chromium | 1 / 8 | 1.9 -- 2.4 | 4 | 1.3 | **2.6** [5] |
| Cobalt | 2 / 8 | 2.3 -- 5.1 | 5.6 -- 9.7 | 3.2 | **6.4** [5] |
| Copper | 3 / 8 | 1.4 -- 29.5 | 2.4 -- 37.2 | 7.2 | **14.5** [5] |
| Cyanide | 2 / 8 | 1.8 -- 3 | 0.92 -- 3.0 | 1.5 | 3.0 |
| Iron | 3 / 4 | 187 -- 187 | 85.7 -- 435 | 193 | **386** [5] |
| Lead | 2 / 4 | 0.78 -- 2.6 | 0.91 -- 1.5 | 1.0 | 2.1 |
| Magnesium | 4 / 4 | -- [6] | 54,000 -- 490,000 | 335,575 | 671,150 |
| Manganese | 4 / 4 | -- [6] | 10.4 -- 98.7 | 41.7 | **83.5** [5] |
| Mercury | 0 / 8 | 0.09 -- 0.16 | -- [7] | ND [7] | ND [7] |
| Nickel | 1 / 8 | 7 -- 19.8 | 13 -- 13 | 6.3 | **12.6** [5] |
| Selenium | 3 / 8 | 1.1 -- 10.6 | 1.8 -- 13.7 | 4.3 | **8.5** [5] |
| Silver | 0 / 8 | 2.1 -- 2.4 | -- [7] | ND [7] | ND [7] |
| Sodium | 1 / 4 | 55.6 -- 55.6 | 386,000 | 95,771 | **191,542** [5] |
| Thallium | 2 / 5 | 1.4 -- 1.4 | 1.8 -- 73.7 | 10.0 | **19.9** [5] |
| Tin | 1 / 8 | 9.4 -- 208 | 776 | 108 | **216** [5] |
| Vanadium | 6 / 8 | 2.2 -- 2.7 | 3.4 -- 5.2 | 3.2 | 6.4 |
| Zinc | 1 / 8 | 1.6 -- 23.5 | 3.2 | 4.4 | 8.8 |
| **Miscellaneous Parameters (mg/L)** | | | | | |
| Chloride | 5 / 5 | -- [6] | 710 -- 11,500 | 6,075.0 | 12,150 |
| Sulfate | 5 / 5 | -- [6] | 130 -- 1,320 | 839 | 1,679 |
| Total dissolved solids | 4 / 4 | -- [6] | 1,550 -- 18,600 | 11,263 | 22,525 |
| Total organic carbon | 4 / 4 | -- [6] | 10.8 -- 21.6 | 15 | 29 |

Notes:
1 Frequency of detection is the number of samples in which the analyte was detected divided by the total number of samples analyzed (excluding rejected results); duplicates included but not counted.
2 Ranges include duplicate and/or resample results, where appropriate.
3 The mean includes detected concentrations and one-half the laboratory reporting limit for nondetect results; duplicate samples and resample results were averaged prior to calculation of the mean.
4 BSV is twice the arithmetic mean of the data.
5 Bold BSV indicates that value is less than maximum concentration of that chemical.
6 All results were positive detects.
7 All results were nondetects (ND); mean and BSV not applicable.

BSV = Background screening value
µg/L = micrograms per liter
mg/L = milligrams per liter

- Technical Memorandum, Groundwater Assessment of Tetrachloroethene Release near Building 191, Naval Station Mayport (HLA, 1999).

- The Confirmation Assessment Letter Report for AOC C, Naval Station Mayport (TtNUS, 1999a).

- The Resource Conservation and Recovery Act (RCRA) Facility Investigation for Area of Concern C, Naval Station Mayport (TtNUS, 2003).

### 2.5.1 Petroleum Investigation at Building 191

A Contamination Assessment Report (CAR) was prepared (ESE, 1994) to evaluate the potential release(s) of diesel fuel from underground fuel lines extending from a 300-gallon aboveground storage tank (AST) located on the south side of Building 191. The multimedia assessment consisted of surface and subsurface soil sampling, installing three piezometers and four monitoring wells, measuring water levels to determine groundwater flow direction, and collecting groundwater samples for chemical analysis. Contaminated soil was removed from the site and the groundwater analytical results indicated that the release of petroleum product did not result in groundwater contamination. Although contamination related to the release of petroleum product was not evident, PCE was detected in a groundwater sample collected from the background monitoring well MPT-TC-MW04S, located on the northern side of Building 191. The presence of PCE and trichloroethene (TCE) prompted a RCRA investigation at Building 191.

### 2.5.2 ABB-ES Multimedia Investigation

ABB-ES conducted a multimedia assessment of AOC C at NAVSTA Mayport after PCE was discovered in the groundwater during a petroleum program investigation at Building 191. Results of this assessment are available in the Solid Waste Management Unit Assessment Report for Tetrachloroethene Release near Building 191 (ABB-ES, 1996a) and are summarized below.

Arsenic and benzo(a)pyrene were the only constituents detected in the surface soil in excess of FDEP residential direct exposure SCTLs and SCTLs for leaching to groundwater. However, neither was above the Florida industrial SCTLs. No constituents were detected in the subsurface soil samples in excess of FDEP residential direct exposure SCTLs or SCTLs for leaching to groundwater. Constituents detected in the groundwater in excess of FDEP GCTLs include arsenic, bromodichloromethane, chloroform, dibromochloromethane, manganese, PCE, and TCE.

Based on the presence of PCE and/or TCE, ABB-ES recommended designating the area as an AOC, performing an assessment to determine the nature and extent of PCE in groundwater, and performing a human health risk assessment.

### 2.5.3 HLA Groundwater Investigation

HLA subsequently conducted a groundwater assessment of AOC C at NAVSTA Mayport in 1997 and 1998. The purpose of the investigation was to delineate the horizontal and vertical extent of volatile organic compounds (VOCs) detected in the groundwater samples during the ABB-ES investigation.

Lithologic sampling and borehole geophysical surveys performed at the site identified that the surficial aquifer beneath Building 191 has three aquifer zones. Groundwater samples collected from the shallow water table zone contained concentrations of chloroform, dibromochloromethane, PCE, TCE, VC, arsenic, iron and manganese that exceeded Florida GCTLs. Groundwater samples collected from the intermediate zone contained methylene chloride, 1,1-dichloroethane, cis-1,2-DCE, TCE, and VC at concentrations that were equal to or less than Florida GCTLs. Groundwater samples collected from the deep zone contained methylene chloride, PCE, and TCE at concentrations exceeding Florida GCTLs.

Recommendations in the Technical Memorandum (HLA, 1999) included additional groundwater sampling and evaluation of the present well locations and well screen placements to determine if the location and extent of the halogenated VOC plume was fully delineated. The Technical Memorandum concluded the source of the VC detected in groundwater samples along Echo Pier had not been determined.

### 2.5.4 RFI INVESTIGATION

The RFI for AOC C was conducted by TtNUS between 1999 and 2000. Field activities consisted of measuring the locations and elevations of existing monitoring wells, the collection of surface and subsurface soil samples, the collection of surface water and sediment samples, the installation of groundwater monitoring wells, and collection of groundwater samples. Information regarding the investigation methods and sampling procedures are provided in the RFI Work Plan (TtNUS, 1999b). A total of three surface soil, four subsurface soil, one surface water, one sediment, and 46 groundwater samples were collected at AOC C during the RFI. Twenty-seven previously sampled monitoring wells were resampled for thallium and added to the RFI data set. The wells were re-sampled because the initial laboratory analytical method detection limit for thallium exceeded the GCTL for thallium. RFI Figure 4-1 (Appendix A) presents the soil, surface water, and sediment sample locations used in the RFI. RFI Figure 4-2 (Appendix A) presents the monitoring well locations at AOC C used in the RFI.

#### 2.5.4.1 RFI Conclusions for AOC C

The following conclusions were presented in the AOC C RFI:

- Two semivolatile organic compounds (SVOCs) [benzo(a)pyrene and dibenz(a,h)anthracene] were detected in the surface soil samples collected near Building 191 at concentrations exceeding their respective FDEP SCTLs for a residential and industrial direct exposure scenario. No FDEP SCTLs for leaching to groundwater criteria were exceeded. Both constituents were detected in sample MPT-55-SS06-01, which was collected from a stormwater conveyance.

- One inorganic (total cyanide) was detected in the surface water sample collected near Building 191 at a concentration exceeding the FDEP SWCTL for surface water as provided in FDEP Chapter 62-302, FAC. However, the FDEP SWCTL is based on free cyanide, which is bioavailable. It is unknown if free cyanide is present at levels above regulatory criteria. Cyanide contamination has not previously been associated with any multimedia samples collected at Building 191.

- Five VOCs (1,1-DCE, 1,2-DCE, PCE, TCE, and VC) at Building 191, five SVOCs (2-methylnaphthalene, acenaphthene, carbazole, dibenz(a,h)anthracene, and naphthalene) at Echo Pier, and five inorganics (aluminum, iron, manganese, sodium, and thallium) at Building 191, SERMC, and Echo Pier were detected in the groundwater samples at concentrations exceeding FDEP GCTLs.

#### 2.5.4.2 Human Health Risk Assessment Conclusions for AOC C

The following conclusions were presented in the AOC C Human Health Risk Assessment:

- The excess lifetime cancer risk (ELCR) estimate for the construction worker ($2.5 \times 10^{-7}$) does not exceed the USEPA target risk range ($1.0 \times 10^{-4}$ to $1.0 \times 10^{-6}$) or the State of Florida cancer risk benchmark ($1.0 \times 10^{-6}$).

- The ELCR estimates for the base worker ($8.6 \times 10^{-6}$) and trespasser ($7.1 \times 10^{-6}$) exceed the conservative end of the USEPA target risk range ($1.0 \times 10^{-6}$). Cancer risk from exposure to benzo(a)pyrene in surface soil exceeds $1.0 \times 10^{-6}$ for both receptors.

- The ELCR estimate for the hypothetical future resident ($1.4 \times 10^{-4}$) exceeds the USEPA target risk range ($1.0 \times 10^{-4}$ to $1.0 \times 10^{-6}$). Cancer risk from exposure to benzo(a)pyrene (equivalent), Aroclor-1260, and arsenic in surface soil and 1-1-DCE, PCE, VC, carbazole, and aldrin in

groundwater exceeds $1.0 \times 10^{-6}$. The exposure point concentrations for both PCE and VC are below their respective USEPA Maximum Contaminant Levels (MCLs) for drinking water.

- Non-cancer Hazard Indices (HIs) developed for the base worker, the construction worker, the adult trespasser, and the adolescent trespasser are equal to or less than one, indicating that adverse non-carcinogenic effects are not anticipated under the conditions considered in the risk assessment. The HIs developed for the hypothetical future resident adult and child exceed 1.0. HIs developed for individual COPCs and target organs do not exceed 1.0.

#### 2.5.4.3 Ecological Risk Assessment Conclusions for AOC C

- The screening-level Ecological Risk Assessment (ERA) concluded that no detected chemical had a Hazard Quotient (HQ) greater than 1.0 in surface water or sediment, which was the only media determined to be a potential risk to ecological receptors at AOC C.

- Some inorganics and VOCs were selected as COPCs because no USEPA Region IV screening levels were available. However, a Step 3A analysis suggested that these chemicals were not present in quantities that could result in unacceptable risks.

- The industrialized nature of AOC C does not facilitate widespread ecological habitation. No further ERA or ecological risk management appears to be warranted for AOC C.

#### 2.5.4.4 RFI Recommendations

The RFI recommended that additional delineation be performed to identify the extent of contamination present in the surface soil surrounding MPT-55-SS06-01. In addition, it recommmended that a surface water sample should be collected from the stormwater retention pond and analyzed for free cyanide. Once completed, a letter report was to be issued presenting the results and recommendations and incorporated into the RFI Report as an appendix.

Furthermore, TtNUS recommended a CMS be conducted to evaluate remedial alternatives and recommend a remedial action to mitigate groundwater contamination at AOC C. At a minimum, the CMS should evaluate the effectiveness of natural attenuation of COPCs in groundwater and the implementation of LUCs.

### 2.5.5 Post RFI/CMS Sampling

Reevaluation of the media COPCs in the CMS was based on data that were between 5 and 8 years old. The NAVSTA Mayport Partnering Team decided to collect confirmation samples at locations with COCs exceedances and incorporate the updated concentrations into the CMS. In January 2005, 10 RFI confirmation samples were collected at AOC C and included in the CMS data set. A list of environmental samples collected at AOC C and the analyses conducted on those samples is presented in Table 2-6.

**TABLE 2-6**
**RFI COMFIRMATION SAMPLES**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Groundwater | Sample Date | COC(s) |
|---|---|---|
| MPT-TC-DPW02D | 1/5/2005 | 1,2-DCE(total), 1,1-DCE, TCE, VC |
| MPT-TC-DPW05I | 1/5/2005 | 1,2-DCE(total), 1,1-DCE, TCE, VC |
| MPT-TC-DPW07D | 1/5/2005 | 1,1-DCE |
| MPT-TC-DPW09I | 1/5/2005 | 1,2-DCE(total), 1,1-DCE, TCE, VC |
| MPT-EP-DPW02I | 1/5/2005 | VC |
| MPT-17-MW03S | 1/5/2005 | Ammonia |
| MPT-AC-DPW01D | 1/5/2005 | Aluminum |
| **Surface Water** | | |
| Retention pond | 1/5/2005 | Cyanide |
| **Surface Soil** | | |
| TSC00101 | 1/5/2005 | Arsenic, Barium, Aroclor-1260, BaP, BbF, BaA |
| TSC00401 | 1/5/2005 | Aroclor-1260, Heptachlor epoxide |

Notes:
BaA = Benzo(a)anthracene
BaP = Benzo(a)pyrene
BbF = Benzo(b)fluoranthene
DCE = Dichloroethene
TCE = Trichlorethene
VC = Vinyl Chloride

# 3.0 CORRECTIVE ACTION OBJECTIVES

The FDEP promulgated new cleanup criteria on April 17, 2005. In order to correctly establish CAOs, the CMS data set needed to be reevaluated based on the new FDEP criteria to determine current site COCs. Once the site COCs and corresponding MCSs are defined, the media(s) of concern will be known and the volumes of contaminated media can be calculated, and the CAOs can then be identified for the site.

## 3.1 CMS DATA SET

The results of environmental samples collected during the RFI conducted in 1999 and 2000 were used to evaluate COPCs and to select COCs in this CMS. Table 3-1 provides a list of all samples for each medium that was used in the CMS. Tables listing the complete analytical results of all sampling events per medium are included in Appendix B.

## 3.2 CHEMICALS OF CONCERN – HUMAN HEALTH

The determination of COCs for subsurface soil and groundwater at AOC C involved the following three-step process as described in Section 1.5.3:

1. Determination of COIs.
2. Identification of the COPCs.
3. Selection of COCs.

COIs and COPCs were determined in the RFI. However, since the RFI was issued, FDEP promulgated new subsurface soil and groundwater CTLs, effective as of April 17, 2005. In the following sections, COIs and COPCs for AOC C are reevaluated based on the new CTLs to select the COCs to be carried forward in the CMS corrective action selection process.

### 3.2.1 COIs – Human Health

The COIs include any contaminant detected at least once in validated analytical results for environmental samples in any medium collected at AOC C. The locations of soil and surface water/groundwater sampling locations at AOC C are shown on Figure 3-1 and Figure 3-2, respectively. The revised list of COIs is provided in Table 3-2.

**TABLE 3-1**
**SAMPLE IDENTIFICATION**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Sample Location | Sample ID | Sample Date | Volatile Organics | Semivolatile Organics | Pesticides/PCBs | Herbicides | Inorganics | Miscellaneous |
|---|---|---|---|---|---|---|---|---|
| **SUBSURFACE SOIL** | | | | | | | | |
| MPT-AC-SU-01 | MPT-AC-SU-01-05 | 8/2/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-AC-SU-02 | MPT-AC-SU-02-05 | 8/2/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-AC-SS03 | MPT-AC-SU03-04 | 11/28/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-AC-SS04 | MPT-AC-SU04-04 | 11/28/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-G4-B07 | MPT-G4-SU-07-05 | 6/27/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00101 | TCB00103 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-TC-MW06S | TCB00203 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00301 | TCB00303 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00401 | TCB00403 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| **SURFACE SOIL** | | | | | | | | |
| FPZ00101 | FPZ00101 | 6/27/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| FSZ00101 | FSZ00101 | 6/27/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00101 | TCS00101 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-TC-MW03S | TCS00301 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00401 | TCS00401 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-TC-MW06S | TCS00201 | 5/31/1995 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-AC-SS03 | MPT-AC-SS03-01 | 11/28/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| MPT-AC-SS04 | MPT-AC-SS04-01 | 11/28/2000 | ✔ | ✔ | ✔ | | ✔ | ✔ |
| TCS00101 | TCS00101 | 1/5/2005 | | ✔ | ✔ | | ✔ | |
| TCS00401 | TCS00401 | 1/5/2005 | | | ✔ | | | |
| **GROUNDWATER** | | | | | | | | |
| MPT-TC-DPW01SD | MPT-TC-GW-DPW01D-01 | 11/30/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW01SD | MPT-TC-GW-DPW01S-01 | 11/30/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW02D | MPT-TC-GW-DPW02D-01 | 12/3/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW02D | MPT-TC-GW-DPW02DD-01 | 12/3/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03D | MPT-TC-GW-DPW03D-01 | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03I | MPT-TC-GW-DPW03I-01 | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03S | MPT-TC-GW-DPW03S-01 | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW06SI | MPT-TC-GW-DPW06I-01 | 12/2/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW06SI | MPT-TC-GW-DPW06S-01 | 12/2/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW09D | MPT-TC-GW-DPW09D-01 | 12/2/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW09I | MPT-TC-GW-DPW09I-01 | 12/2/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW04S | MPT-TC-GW-MW04S-01 | 12/3/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03DD | MPT-TC-GW-DPW03DD-01 | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03DD | MPT-TC-GWDPW03DD-01-AVG | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW03DD | MPT-TC-GW-DU01 | 12/1/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW07D | MPT-TC-GW-DPW07D-01 | 12/6/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW07D | MPT-TC-GWDPW07D-01-AVG | 12/6/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-TC-DPW07D | MPT-TC-GW-DU02 | 12/6/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-EP-DPW02I | MPT-EP-GW-DPW02I-01 | 12/6/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-EP-GW-MW03S | MPT-EP-GW-MW03S-01 | 12/7/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-EP-DPW04S | MPT-EP-GW-MW04S-01 | 12/7/1999 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01D-01 | 1/5/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01I-01 | 1/5/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW01S | MPT-AC-GW-DPW01S-01 | 1/5/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

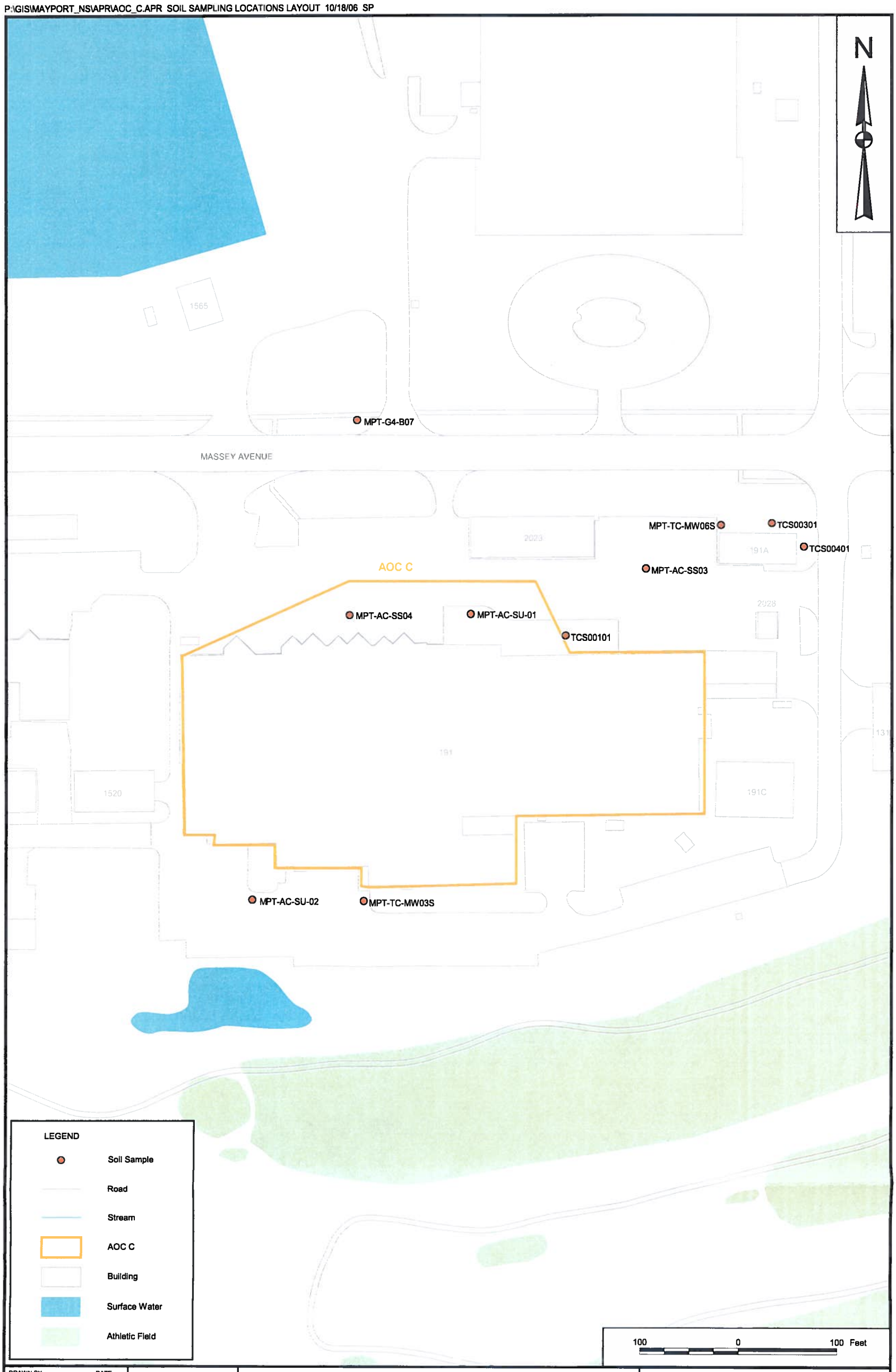
**TABLE 3-1**
**SAMPLE IDENTIFICATION**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Sample Location | Sample ID | Sample Date | Volatile Organics | Semivolatile Organics | Pesticides/PCBs | Herbicides | Inorganics | Miscellaneous |
|---|---|---|---|---|---|---|---|---|
| MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D-01 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S-01 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03D-01 | 1/10/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03I-01 | 1/10/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW03S | MPT-AC-GW-DPW03S-01 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04D-01 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04I-01 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05D-01 | 1/10/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05I-01 | 1/10/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW05S | MPT-AC-GW-DPW05S-01 | 1/14/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06D-01 | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW06I | MPT-AC-GW-DPW06I-01 | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07D-01 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07I-01 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW07S | MPT-AC-GW-DPW07S-01 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08D-01 | 1/11/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08I-01 | 1/11/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW08S | MPT-AC-GW-DPW08S-01 | 1/11/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09D-01 | 1/14/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW09I | MPT-AC-GW-DPW09I-01 | 1/14/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW10I | MPT-AC-GW-DPW10I-01 | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW11I | MPT-AC-GW-DPW11I-01 | 1/11/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW12I | MPT-AC-GW-DPW12I-01 | 1/11/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I-01 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW02I | MPT-AC-GWDPW02I-01-AVG | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW02I | MPT-AC-GW-DU03 | 1/6/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S-01 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW04S | MPT-AC-GWDPW04S-01-AVG | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW04S | MPT-AC-GW-DU04 | 1/12/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S-01 | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW06S | MPT-AC-GWDPW06S-01-AVG | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-AC-GW-DPW06S | MPT-AC-GW-DU05 | 1/13/2000 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| MPT-G4-B07 | MPT-G4-GW-07-05 | 6/27/2000 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-47-DPW04S | MPT-G4-GW-39-04 | 7/7/2000 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-G4-B34 | MPT-G4-GW-34-05 | 7/7/2000 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-G4-B35 | MPT-G4-GW-35-05 | 7/7/2000 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-G4-B40 | MPT-G4-GW-40-04 | 7/7/2000 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-G4-B66 | MPT-G4-GW66-05 | 3/5/2001 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-G4-B67 | MPT-G4-GW67-05 | 3/5/2001 | ✔ | ✔ | | | ✔ | ✔ |
| MPT-AC-GW-DPW01I | MPT-AC-DPW01I-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW01S | MPT-AC-DPW01S-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW03I | MPT-AC-DPW03I-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW03S | MPT-AC-DPW03S-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW04D | MPT-AC-DPW04D-RS | 4/24/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW04I | MPT-AC-DPW04I-RS | 4/24/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW04S | MPT-AC-DPW04S-RS | 4/24/2003 | | | | | ✔ | |

**TABLE 3-1**
**SAMPLE IDENTIFICATION**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

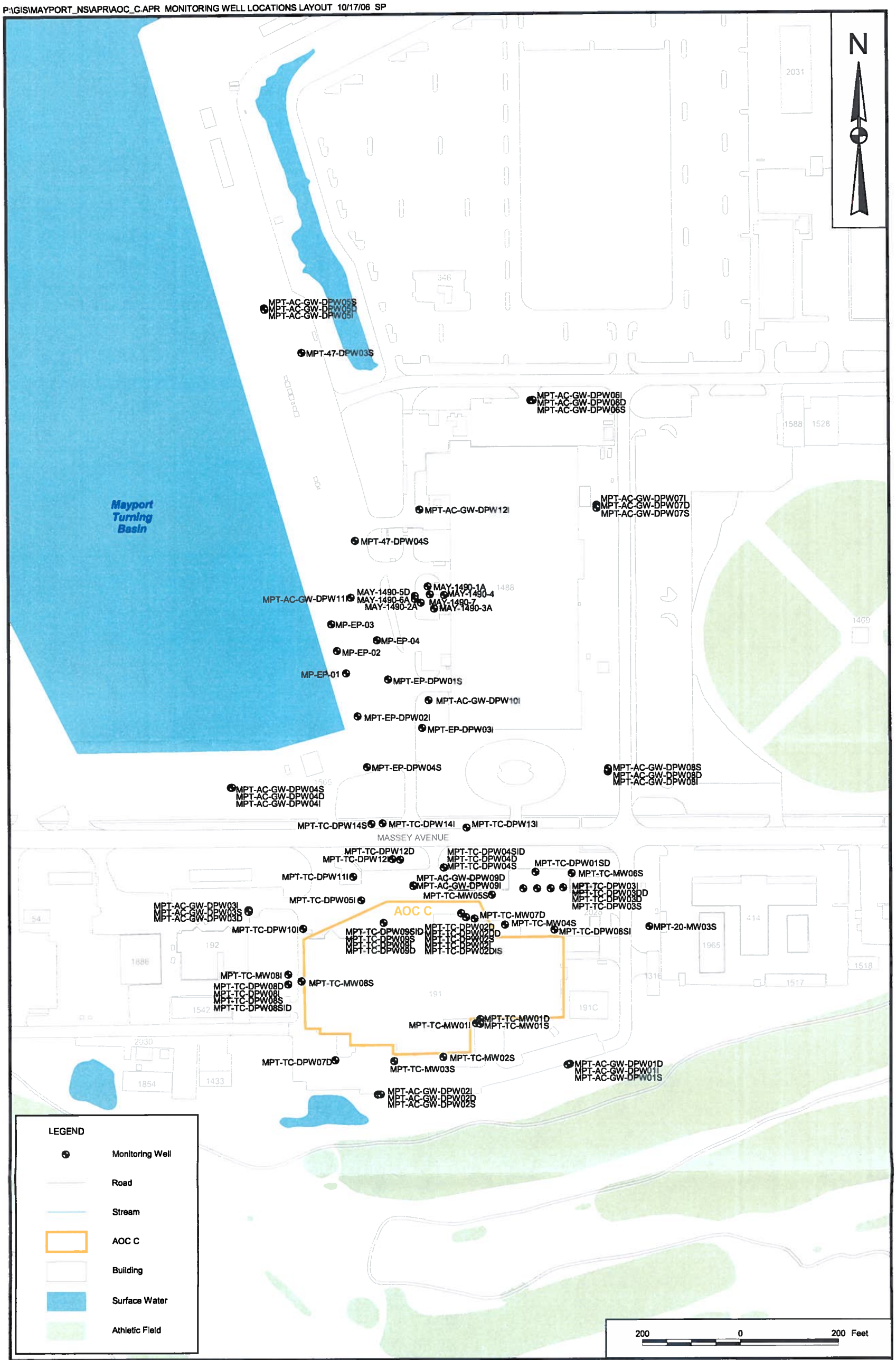
| Sample Location | Sample ID | Sample Date | Volatile Organics | Semivolatile Organics | Pesticides/PCBs | Herbicides | Inorganics | Miscellaneous |
|---|---|---|---|---|---|---|---|---|
| MPT-AC-GW-DPW09D | MPT-AC-DPW09D-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW09I | MPT-AC-DPW09I-RS | 4/23/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW10I | MPT-AC-DPW10I-RS | 4/24/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02D | MPT-AC-DPW02D-RS | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02D | MPT-ACDPW02D-RS-AVG | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02D | MPT-DU03-RS | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02I | MPT-AC-DPW02I-RS | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02I | MPT-ACDPW02I-RS-AVG | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02I | MPT-DU02-RS | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02S | MPT-AC-DPW02S-RS | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02S | MPT-ACDPW02S-RS-AVG | 4/25/2003 | | | | | ✔ | |
| MPT-AC-GW-DPW02S | MPT-DU01-RS | 4/25/2003 | | | | | ✔ | |
| MPT-EP-DPW02I | MPT-AC-DPW02I-RS | 4/24/2003 | | | | | ✔ | |
| MPT-TC-DPW02D | MPT-TC-DPW02D-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW03D | MPT-TC-DPW03D-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW03DD | MPT-TC-DPW03DD-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW03I | MPT-TC-DPW03I-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW03S | MPT-TC-DPW03S-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW04S | MPT-TC-DPW04S-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW06SI | MPT-TC-DPW06I-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW06SI | MPT-TC-DPW06S-RS | 4/22/2003 | | | | | ✔ | |
| MPT-TC-DPW09D | MPT-TC-DPW09D-RS | 4/23/2003 | | | | | ✔ | |
| MPT-TC-DPW09I | MPT-TC-DPW09I-RS | 4/23/2003 | | | | | ✔ | |
| MPT-TCDPW07D | MPT-TCDPW07D | 1/5/2005 | ✔ | | | | | |
| MPT-AC-DPW01D | MPT-AC-DPW01D | 1/5/2005 | | | | | ✔ | |
| MPT-TC-DPW02D | MPT-TC-DPW02D | 1/5/2005 | ✔ | | | | | |
| MPT-TC-DPW09I | MPT-TC-DPW09I | 1/5/2005 | ✔ | | | | | |
| MPT-TC-DPW05I | MPT-TC-DPW05I | 1/5/2005 | ✔ | | | | | |
| MPT-EP-DPW02I | MPT-EP-DPW02I | 1/5/2005 | ✔ | | | | | |
| **SURFACE WATER** | | | | | | | | |
| MPT-AC-SW01 | MPT-AC-SW01-01 | 11/15/2000 | | | | | | ✔ |
| MPT-AC-SW01 | MPT-AC-SW01 | 1/5/2005 | | | | | | ✔ |

P:\GIS\MAYPORT_NS\APR\AOC_C.APR SOIL SAMPLING LOCATIONS LAYOUT 10/18/06 SP




| | | | |
|---|---|---|---|
| DRAWN BY: A. JANOCHA — DATE: 8/09/04 | | SOIL SAMPLING LOCATIONS<br>AOC C<br>NAVAL STATION MAYPORT<br>MAYPORT, FLORIDA | CONTRACT NUMBER: CTO 0033 |
| CHECKED BY: C. METZ — DATE: 10/18/06 | | | APPROVED BY — DATE — |
| COST/SCHEDULE-AREA | | | APPROVED BY — DATE — |
| SCALE: AS NOTED | NAVFAC | | DRAWING NO.: FIGURE 3 - 1 — REV: 0 |

P:\GIS\MAYPORT_NS\APR\AOC_C.APR MONITORING WELL LOCATIONS LAYOUT 10/17/06 SP




| | | | |
|---|---|---|---|
| DRAWN BY: A. JANOCHA | DATE: 8/09/04 | MONITORING WELL LOCATIONS<br>AOC C<br>NAVAL STATION MAYPORT<br>MAYPORT, FLORIDA | CONTRACT NUMBER: CTO 0033 |
| CHECKED BY: C. METZ | DATE: 10/17/06 | | APPROVED BY / DATE |
| COST/SCHEDULE-AREA | | | APPROVED BY / DATE |
| SCALE: AS NOTED | NAVFAC | | DRAWING NO.: FIGURE 3 - 2 / REV: 0 |

**TABLE 3-2**
**CONTAMINANTS OF INTEREST**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| List of COIs | Surface Soil | Subsurface Soil | Surface Water | Groundwater |
|---|---|---|---|---|
| **VOCs** | | | | |
| 1,1-DICHLOROETHANE | | | | X |
| 1,1-DICHLOROETHENE | | X | | X |
| 1,2-DICHLOROETHANE | | | | X |
| BROMODICHLOROMETHANE | | | X | X |
| CARBON DISULFIDE | | X | | X |
| CHLOROBENZENE | | | | X |
| CHLORODIBROMOMETHANE | | | X | X |
| CHLOROFORM | | | X | X |
| CHLOROMETHANE | | | | X |
| CIS-1,2-DICHLOROETHENE | | | | X |
| DICHLORODIFLUOROMETHANE | | | | X |
| METHANE | | | | X |
| METHYLENE CHLORIDE | X | X | | |
| TETRACHLOROETHENE | | | | X |
| TOTAL 1,2-DICHLOROETHENE | | | | X |
| TRANS-1,2-DICHLOROETHENE | | | | X |
| TRICHLOROETHENE | | | | X |
| TRICHLOROFLUOROMETHANE | | X | | |
| VINYL CHLORIDE | | | | X |
| **SVOCs** | | | | |
| 1,4-DIOXANE | | | | X |
| 2-METHYLNAPHTHALENE | | X | | X |
| ACENAPHTHENE | | | | X |
| ACENAPHTHYLENE | | | | X |
| ANTHRACENE | | | | X |
| BENZO(A)ANTHRACENE | X | | | |
| BENZO(A)PYRENE | X | | | |
| BENZO(B)FLUORANTHENE | X | | | |
| BENZO(G,H,I)PERYLENE | X | | | |
| BENZO(K)FLUORANTHENE | X | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | X | | | |
| CARBAZOLE | | | | X |
| CHRYSENE | X | | | |
| DIBENZOFURAN | | | | X |
| DIMETHYL PHTHALATE | X | | | |
| FLUORANTHENE | X | | | X |
| FLUORENE | | X | | X |
| INDENO(1,2,3-CD)PYRENE | X | | | |
| NAPHTHALENE | | | | X |
| PHENANTHRENE | X | X | | X |
| PHENOL | | | | X |
| PYRENE | X | | | X |
| PYRIDINE | | | | X |
| SULFOTEPP | | | | X |
| THIONAZIN | | | | X |
| **Pesticides/PCBs** | | | | |

**TABLE 3-2**
**CONTAMINANTS OF INTEREST**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| List of COIs | Surface Soil | Subsurface Soil | Surface Water | Groundwater |
|---|---|---|---|---|
| 2,4-D | | | | X |
| 4,4'-DDE | X | X | | X |
| 4,4'-DDT | | X | | |
| ALDRIN | | | | X |
| AROCLOR-1260 | X | | | |
| BETA-BHC | | | | |
| CHLORDANE | X | X | | |
| GAMMA-BHC (LINDANE) | | | | X |
| HEPTACHLOR | X | | | |
| HEPTACHLOR EPOXIDE | X | | | |
| PHORATE | | | | X |
| SULFOTEPP | | | | X |
| THIONAZIN | | | | X |
| **Inorganics** | | | | |
| ALUMINUM | X | X | | X |
| ANTIMONY | | | | X |
| ARSENIC | X | X | | X |
| BARIUM | X | X | X | X |
| BERYLLIUM | X | X | | X |
| CADMIUM | X | X | | X |
| CALCIUM | X | X | X | X |
| CHROMIUM | X | X | | X |
| COBALT | X | X | | X |
| COPPER | X | X | | X |
| CYANIDE | X | X | | X |
| IRON | X | X | | X |
| LEAD | X | X | | X |
| MAGNESIUM | X | X | X | X |
| MANGANESE | X | X | | X |
| MERCURY | | X | | |
| MOLYBDENUM | | X | | X |
| NICKEL | X | X | | X |
| POTASSIUM | | X | X | X |
| SELENIUM | X | X | | X |
| SODIUM | X | X | X | X |
| THALLIUM | | | | X |
| TIN | X | X | | |
| VANADIUM | X | X | | X |
| ZINC | X | X | | X |

#### 3.2.1.1 Selection of Surface Soil COPCs – Human Health

The COPC screening evaluation for surface soil at AOC C involves an evaluation of COIs for direct exposure and leaching to groundwater. Because less than 20 surface soil samples were collected at AOC C; none of the COIs were eliminated based on frequency of detection. As shown in Table 3-3, the direct exposure COPC screening process for surface soil identified no contaminants that exceeded the SCTLs for direct residential exposure (target criteria).

Because surface water (i.e., Mayport Turning Basin) is located more than 300 feet from AOC C, leaching of soil to groundwater was evaluated. The leaching to groundwater evaluation involves a direct comparison to the leaching to groundwater SCTLs. Table 3-4 shows the leaching to groundwater evaluation, which determined that no contaminants have the potential to leach from the soil and impact groundwater. Therefore, no contaminants were selected as COPCs for surface soil.

#### 3.2.1.2 Selection of Subsurface Soil COPCs – Human Health

The COPC screening evaluation for subsurface soil involves an evaluation of COIs for direct exposure and leaching to groundwater. Less than 20 subsurface soil samples were collected at AOC C; therefore, none of the COIs were eliminated based on frequency of detection. Table 3-5 shows the direct exposure COPC screening process for subsurface soil and identified no contaminants that exceeded the SCTLs for direct residential exposure (target criteria).

Because surface water (i.e., Mayport Turning Basin) is located more than 300 feet from AOC C, leaching of soil to groundwater was evaluated. The leaching to groundwater evaluation involves a direct comparison to the leaching to groundwater SCTLs. Table 3-6 shows the leaching to groundwater evaluation, which determined that one contaminant, dimethoate, has the potential to leach from the soil and impact groundwater. Therefore, dimethoate was selected as a COPC for subsurface soil.

#### 3.2.1.3 Selection of Surface Water COPCs – Human Health

The COPC screening process identified no contaminants in surface water that exceeded the SWCTLs for protection of marine surface water. Because the SWCTLs for protection of marine surface water do not include a direct exposure pathway for human receptors (i.e., the SWCTLs are based on human consumption of fish or ecological endpoints), no adjustment to the SWCTLs was made for potential additive effects by carcinogens or noncarcinogens. The results of the COPC screening process are presented in Table 3-7.

**TABLE 3-3**
**SURFACE SOIL INITIAL COPCS - RESIDENTIAL DIRECT EXPOSURE**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| CHEMICAL OF INTEREST | CHEMICAL ABSTRACT NUMBER | FREQUENCY OF DETECTION | Max Conc. (mg/kg) | SCTL RESIDENTIAL[1] (mg/kg) | TARGET ORGAN/SYSTEM OR EFFECT | ADJUSTMENT DIVISOR[2] | INITIAL TARGET CRITERIA[2] (mg/kg) | EXCEEDS INITIAL TARGET LEVELS[3] |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics** | | | | | | | | |
| Methylene Chloride | 75-09-2 | 3/8 | 0.0046 | 17 | Carcinogen -Liver | 1 | 17.0 | No |
| Benzo(a)anthracene | 56-55-3 | 1/8 | 0.051 | 0.1[5] | Carcinogen | 1 | 0.1[5] | No[5] |
| Benzo(g,h,i)perylene | 191-24-2 | 1/8 | 0.085 | 2,500 | Neurological | 1 | 2,500 | No |
| Benzo(k)fluoranthene | 207-08-9 | 2/8 | 0.23 | 0.1[5] | Carcinogen | 1 | 0.1[5] | No[5] |
| Bis(2-Ethylhexyl)phthalate | 117-81-7 | 1/8 | 0.069 | 72 | Carcinogen -Liver | 1 | 72.0 | No |
| Chrysene | 218-01-9 | 3/8 | 0.21 | 0.1[5] | Carcinogen | 1 | 0.1[5] | No[5] |
| Dimethyl Phthalate | 131-11-3 | 1/8 | 0.11 | 690,000 | Kidney | 1 | 690,000 | No |
| Fluoranthene | 206-44-0 | 3/8 | 0.3 | 3,200 | Blood -Kidney -Liver | 1 | 3,200 | No |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1/8 | 0.087 | 0.1[5] | Carcinogen | 1 | 0.1[5] | No[5] |
| Phenanthrene | 85-01-8 | 2/8 | 0.071 | 2,200 | Kidney | 1 | 2,200 | No |
| Pyrene | 129-00-0 | 3/8 | 0.22 | 2,400 | Kidney | 1 | 2,400 | No |
| Benzo(a)pyrene equivalents | -- | -- | 0.03701 | 0.1 | Carcinogen | 1 | 0.1 | No |
| **Pesticides** | | | | | | | | |
| 4,4'-DDE | 72-55-9 | 1/8 | 0.0023 | 2.9 | Carcinogen | 1 | 2.900 | No |
| Aroclor-1260 | 11096-82-5 | 1/8 | 0.025 | 0.5 | Carcinogen -Immunological | 1 | 0.500 | No |
| Chlordane | 57-74-9 | 2/6 | 0.093 | 2.8 | Carcinogen -Liver | 1 | 2.800 | No |
| Heptachlor | 76-44-8 | 1/8 | 0.0013 | 0.2 | Carcinogen -Liver | 1 | 0.200 | No |
| **Inorganics** | | | | | | | | |
| Aluminum | 7429-90-5 | 2/2 | 698 | 80,000 | Body Weight | 1 | NS | No |
| Arsenic | 7440-38-2 | 3/8 | 0.56 | 2.1 | Carcinogen -Cardiovascular -Skin | 1 | 2.10 | No |
| Barium | 7440-39-3 | 8/8 | 7.7 | 120 | Cardiovascular | 1 | 120 | No |
| Beryllium | 7440-41-7 | 4/8 | 0.12 | 120 | Carcinogen -Gastrointestinal -Respiratory | 1 | 120 | No |
| Cadmium | 7440-43-9 | 1/8 | 0.44 | 82 | Carcinogen -Kidney | 1 | 82 | No |
| Chromium VI | 18540-29-9 | 8/8 | 12.8 | 210 | Carcinogen -Respiratory | 1 | 210 | No |
| Cobalt | 7440-48-4 | 1/8 | 0.76 | 1,700 | Cardiovascular -Immunological -Neurological-Reproductive | 1 | 1,700 | No |
| Copper | 7440-50-8 | 6/8 | 8.9 | 150 | None Specified | 1 | 150 | No |
| Iron | 7439-89-6 | 2/2 | 1020 | 53,000 | Blood -Gastrointestinal | 1 | 53,000 | No |
| Lead | 7439-92-1 | 8/8 | 21.5 | 400 | Neurological | 1 | 400 | No |
| Manganese | 7439-96-5 | 2/2 | 18.2 | 3,500 | Neurological | 1 | 3,500 | No |
| Nickel | 7440-02-0 | 3/8 | 3.6 | 340 | Body Weight | 1 | 340 | No |
| Selenium | 7782-49-2 | 1/8 | 0.2 | 440 | Hair Loss -Neurological -Skin | 1 | 440 | No |
| Tin | 7440-31-5 | 1/8 | 5.7 | 47,000 | Kidney -Liver | 1 | 47,000 | No |
| Vanadium | 7440-62-2 | 8/8 | 5.4 | 67 | None Specified | 1 | 67 | No |
| Zinc | 7440-66-6 | 8/8 | 48.2 | 26,000 | Blood | 1 | 26,000 | No |
| **Miscellaneous Parameters** | | | | | | | | |
| Cyanide | 57-12-5 | 4/8 | 0.15 | 34 | Body Weight -Neurological -Thyroid | 1 | 34 | No |

Notes:

[1] SCTL - Soil Cleanup Target Level for Residential Direct Exposure - Chapter 62-777 F.A.C., April 2005

[2] Per the "Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.", when using the maximum concentration approach, potential additive toxicity among chemicals is addressed implicitly by taking the conservative approach of comparing the maximum concentration with the SCTL. No adjustment of SCTLs for individual chemicals is needed when maximum concentrations of chemicals present are compared with SCTLs.

[3] Comparison of the Initial Target Criteria with the Maximum Concentration.

[4] Criteria for hexavalent chromium used.

[5] Refer to the table below for the Total Benzo(a)pyrene Equivalent calculation which shows that the equivalent concentration is below the residential direct exposure SCTL of 0.1.

| Contaminant | Concentration (mg/kg) | Toxic Equivalency Factor | Benzo (a) pyrene Equivalents |
|---|---|---|---|
| Benzo(a)anthracene | 0.051 | 0.1 | 0.005 |
| Benzo(a)pyrene | 0.00 | 1.0 | 0.000 |
| Benzo(b)fluoranthene | 0.00 | 0.1 | 0.000 |
| Benzo(k)fluoranthene | 0.23 | 0.01 | 0.002 |
| Chrysene | 0.21 | 0.001 | 0.000 |
| Dibenz(a,h)anthracene | 0.00 | 1.0 | 0.000 |
| Indeno(1,2,3-cd)pyrene | 0.087 | 0.1 | 0.009 |

Direct Exposure Residential S[illegible]1 mg/kg; Total Benzo(a)pyrene Equivalents =

0.02

# TABLE 3-4
## SURFACE SOIL INITIAL COPCS - LEACHING TO GROUNDWATER
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| CHEMICAL OF INTEREST | CHEMICAL ABSTRACT NUMBER | FREQUENCY OF DETECTION | MAXIMUM CONCENTRATION (mg/kg) | SCTL LEACHING TO GROUNDWATER[1] (mg/kg) | COPC BASED ON LEACHING[2] (Yes/No) |
|---|---|---|---|---|---|
| **Volatile Organics** | | | | | |
| Methylene Chloride | 75-09-2 | 3/8 | 0.0046 | 0.02 | No |
| Benzo(a)anthracene | 56-55-3 | 1/8 | 0.051 | 0.8 | No |
| Benzo(g,h,i)perylene | 191-24-2 | 1/8 | 0.085 | 32000 | No |
| Benzo(k)fluoranthene | 207-08-9 | 2/8 | 0.23 | 24 | No |
| Bis(2-Ethylhexyl)phthalate | 117-81-7 | 1/8 | 0.069 | 3600 | No |
| Chrysene | 218-01-9 | 3/8 | 0.21 | 77 | No |
| Dimethyl Phthalate | 131-11-3 | 1/8 | 0.11 | 380 | No |
| Fluoranthene | 206-44-0 | 3/8 | 0.3 | 1200 | No |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1/8 | 0.087 | 6.6 | No |
| Phenanthrene | 85-01-8 | 2/8 | 0.071 | 250 | No |
| Pyrene | 129-00-0 | 3/8 | 0.22 | 880 | No |
| **Pesticides** | | | | | |
| 4,4'-DDE | 72-55-9 | 1/8 | 0.0023 | 18 | No |
| Aroclor-1260 | 11096-82-5 | 1/8 | 0.025 | 17 | No |
| Chlordane | 57-74-9 | 2/6 | 0.093 | 9.6 | No |
| Heptachlor | 76-44-8 | 1/8 | 0.0013 | 23 | No |
| **Inorganics** | | | | | |
| Aluminum | 7429-90-5 | 2/2 | 698 | No Criteria | No |
| Arsenic | 7440-38-2 | 3/8 | 0.56 | No Criteria | No |
| Barium | 7440-39-3 | 8/8 | 7.7 | 1600 | No |
| Beryllium | 7440-41-7 | 4/8 | 0.12 | 63 | No |
| Cadmium | 7440-43-9 | 1/8 | 0.44 | 7.5 | No |
| Chromium VI | 18540-29-9 | 8/8 | 12.8 | No Criteria | No |
| Cobalt | 7440-48-4 | 1/8 | 0.76 | No Criteria | No |
| Copper | 7440-50-8 | 6/8 | 8.9 | No Criteria | No |
| Iron | 7439-89-6 | 2/2 | 1020 | No Criteria | No |
| Lead | 7439-92-1 | 8/8 | 21.5 | No Criteria | No |
| Manganese | 7439-96-5 | 2/2 | 18.2 | No Criteria | No |
| Nickel | 7440-02-0 | 3/8 | 3.6 | 130 | No |
| Selenium | 7782-49-2 | 1/8 | 0.2 | 5.2 | No |
| Tin | 7440-31-5 | 1/8 | 5.7 | No Criteria | No |
| Vanadium | 7440-62-2 | 8/8 | 5.4 | 980 | No |
| Zinc | 7440-66-6 | 8/8 | 48.2 | No Criteria | No |
| **Miscellaneous (mg/kg)** | | | | | |
| Cyanide | 57-12-5 | 4/8 | 0.15 | 40 | No |

Notes:
[1] SCTL - Soil Cleanup Target Level for soil leaching to groundwater - Chapter 62-777 F.A.C., April 2005
[2] A COI is selected as a COPC if the maximum concentration of that chemical exceeds the leaching target criteria.
[3] Criteria for hexavalent chromium used.

# TABLE 3-5
## SUBSURFACE SOIL INITIAL COPCs - RESIDENTIAL DIRECT EXPOSURE
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA
## PAGE 1 OF 2

| CHEMICAL OF INTEREST | CHEMICAL ABSTRACT NUMBER | FREQUENCY OF DETECTION | MAXIMUM CONCENTRATION (mg/kg) | SCTL RESIDENTIAL[1] (mg/kg) | TARGET ORGAN/SYSTEM OR EFFECT | INITIAL TARGET CRITERIA[2] (mg/kg) | EXCEEDS INITIAL TARGET LEVELS[3] |
|---|---|---|---|---|---|---|---|
| **Semivolatile Organics** | | | | | | | |
| 2-Methylnaphthalene | 91-57-6 | 1/16 | 0.5 | 210 | Body Weight -Nasal | 210 | No |
| Fluorene | 86-73-7 | 1/16 | 0.4 | 2,200 | Blood | 2,200 | No |
| Phenanthrene | 85-01-8 | 1/16 | 0.68 | 2,000 | Kidney | 2,000 | No |
| **Volatile Organics** | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 1/16 | 0.00079 | 0.09 | Carcinogen -Liver | 0.09 | No |
| Carbon Disulfide | 75-15-0 | 2/16 | 0.0014 | 200 | Developmental -Neurological | 200 | No |
| Methylene Chloride | 75-09-2 | 6/16 | 0.004 | 16 | Carcinogen -Liver | 16 | No |
| Trichlorofluoromethane | 75-69-4 | 1/16 | 0.002 | 200 | Cardiovascular -Kidney -Mortality -Respiratory | 200 | No |
| **Pesticides** | | | | | | | |
| 4,4'-DDE | 72-55-9 | 2/8 | 0.0029 | 3.3 | Carcinogen | 3.3 | No |
| 4,4'-DDT | 50-29-3 | 1/8 | 0.0032 | 3.3 | Carcinogen -Liver | 3.3 | No |
| Chlordane | 57-74-9 | 1/4 | 0.019 | 3.1 | Carcinogen -Liver | 3.1 | No |
| **OrganoPhos Pesticides** | | | | | | | |
| Dimethoate | 60-51-5 | 1/2 | 0.01 | 8.4 | Neurological | 8.4 | No |
| **Inorganics[4]** | | | | | | | |
| Aluminum | 7429-90-5 | 12/12 | 2290 | 72,000 | Body Weight | NS | No |
| Arsenic | 7440-38-2 | 7/16 | 1.6 | 2.1 | Carcinogen -Cardiovascular -Skin | 2.1 | No |
| Barium | 7440-39-3 | 16/16 | 6.1 | 110 | Cardiovascular | 110 | No |
| Beryllium | 7440-41-7 | 3/16 | 0.15 | 120 | Carcinogen -Gastrointestinal -Respiratory | 120 | No |
| Cadmium | 7440-43-9 | 5/16 | 0.27 | 75 | Carcinogen -Kidney | 75 | No |
| Chromium VI | 18540-29-9 | 13/16 | 5 | 210 | Carcinogen -Respiratory | 210 | No |
| Cobalt | 7440-48-4 | 5/16 | 0.63 | 4,700 | Cardiovascular -Immunological -Neurological-Reproductive | 4,700 | No |
| Copper | 7440-50-8 | 7/16 | 6.6 | 110 | None Specified | 110 | No |
| Iron | 7439-89-6 | 12/12 | 2420 | 23,000 | Blood -Gastrointestinal | 23,000 | No |

# TABLE 3-5
## SUBSURFACE SOIL INITIAL COPCs - RESIDENTIAL DIRECT EXPOSURE
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA
## PAGE 2 OF 2

| COI [1] | CAS | FOD [2] | Max Conc. (mg/kg) | SCTL RESIDENTIAL [1] (mg/kg) | TARGET ORGAN/SYSTEM OR EFFECT | INITIAL TARGET CRITERIA [3] (mg/kg) | EXCEEDS INITIAL TARGET LEVELS [4] |
|---|---|---|---|---|---|---|---|
| **Inorganics (cont'd)** | | | | | | | |
| Lead | 7439-92-1 | 16/16 | 14.3 | 400 | Neurological | 400 | No |
| Manganese | 7439-96-5 | 12/12 | 27.5 | 1,600 | Neurological | 1,600 | No |
| Mercury | 7439-97-6 | 2/16 | 0.03 | 3.4 | Neurological | 3.4 | No |
| Molybdenum | 7439-98-7 | 1/2 | 0.43 | 390 | Gout | 390 | No |
| Nickel | 7440-02-0 | 6/16 | 2.2 | 110 | Body Weight | 110 | No |
| Selenium | 7782-49-2 | 2/16 | 0.58 | 390 | Hair Loss -Neurological -Skin | 390 | No |
| Tin | 7440-31-5 | 4/16 | 4.8 | 44,000 | Kidney -Liver | 44,000 | No |
| Vanadium | 7440-62-2 | 15/16 | 7.8 | 15 | None Specified | 15 | No |
| Zinc | 7440-66-6 | 11/16 | 38.2 | 23,000 | Blood | 23,000 | No |

Notes:

[1] SCTL - Soil Cleanup Target Level for Residential Direct Exposure - Chapter 62-777 F.A.C., April 2005

[2] Per the "Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.", when using the maximum concentration approach, potential additive toxicity among chemicals is addressed implicitly by taking the conservative approach of comparing the maximum concentration with the SCTL. No adjustment of SCTLs for individual chemicals is needed when maximum concentrations of chemicals present are compared with SCTLs.

[3] Comparison of the Initial Target Criteria with the Maximum Concentration.

[4] Criteria for hexavalent chromium used.

**TABLE 3-6**
**SUBSURFACE SOIL INITIAL COPCs - LEACHING TO GROUNDWATER**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| CHEMICAL OF INTEREST | CHEMICAL ABSTRACT NUMBER | FREQUENCY OF DETECTION | MAXIMUM CONCENTRATION (mg/kg) | SCTL LEACHING TO GROUNDWATER[1] (mg/kg) | COPC BASED ON LEACHING[2] (Yes/No) |
|---|---|---|---|---|---|
| **Volatile Organics** | | | | | |
| Carbon Disulfide | 75-15-0 | 2/16 | 0.0014 | 5.6 | No |
| Methylene Chloride | 75-09-2 | 6/16 | 0.004 | 0.02 | No |
| Trichlorofluoromethane | 75-69-4 | 1/16 | 0.002 | 33 | No |
| **Pesticides** | | | | | |
| 4,4'-DDE | 72-55-9 | 2/8 | 0.0029 | 18 | No |
| 4,4'-DDT | 50-29-3 | 1/8 | 0.0032 | 11 | No |
| Chlordane | 57-74-9 | 1/4 | 0.019 | 9.6 | No |
| **OrganoPhos Pesticides** | | | | | |
| Dimethoate | 60-51-5 | 1/2 | 0.01 | 0.006 | **Yes** |
| **Inorganics[3]** | | | | | |
| Aluminum | 7429-90-5 | 12/12 | 434 | No Criteria | No |
| Arsenic | 7440-38-2 | 7/16 | 0.75 | No Criteria | No |
| Barium | 7440-39-3 | 16/16 | 6.1 | 1600 | No |
| Beryllium | 7440-41-7 | 3/16 | 0.15 | 63 | No |
| Cadmium | 7440-43-9 | 5/16 | 0.083 | 8 | No |
| Chromium VI | 18540-29-9 | 13/16 | 2.1 | 38 | No |
| Copper | 7440-50-8 | 7/16 | 2.2 | No Criteria | No |
| Iron | 7439-89-6 | 12/12 | 648 | No Criteria | No |
| Lead | 7439-92-1 | 16/16 | 2.2 | No Criteria | No |
| Manganese | 7439-96-5 | 12/12 | 12.8 | No Criteria | No |
| Selenium | 7782-49-2 | 2/16 | 0.56 | 5 | No |
| Tin | 7440-31-5 | 4/16 | 4.8 | No Criteria | No |
| Vanadium | 7440-62-2 | 15/16 | 1.9 | 980 | No |
| Zinc | 7440-66-6 | 11/16 | 38.2 | 6000 | No |
| **Miscellaneous** | | | | | |
| Cyanide | 57-12-5 | 4/16 | 0.17 | 40 | No |

Notes:
[1] SCTL - Soil Cleanup Target Level for soil leaching to groundwater - Chapter 62-777 F.A.C., April 2005
[2] A COI is selected as a COPC if the maximum concentration of that chemical exceeds the leaching target criteria.
[3] Criteria for hexavalent chromium used.

**TABLE 3-7**
**SURFACE WATER INITIAL COPCs - FRESHWATER SURFACE WATER**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Chemical Of Interest | Chemical Abstract Number | Frequency of Detection | Maximum Concentration (µg/L) | Freshwater SWCTL[1] (µg/L) | Exceeds MSW SWCTL[2] |
|---|---|---|---|---|---|
| **Volatile Organics** | | | | | |
| Bromodichloromethane | 75-27-4 | 1/1 | 1.9 | 22 | No |
| Chlorodibromomethane | 124-48-1 | 1/1 | 0.98 | 34 | No |
| Chloroform | 67-66-3 | 1/1 | 3.9 | 470.8 | No |
| **Inorganics** | | | | | |
| Barium | 7440-39-3 | 1/1 | 21.6 | 2000 | No |
| **Miscellaneous Parameters** | | | | | |
| Cyanide | 57-12-5 | 1/1 | 0.004 | 5.2 | No |

Notes:
SWCTL = Surface Water Target Cleanup Level, Chapter 62-777, Florida Administrative Code

#### 3.2.1.4 Selection of Groundwater COPCs – Human Health

The initial COPC screening process for groundwater begins with separating COIs that have a primary or secondary standard. COIs with a primary or secondary standard are compared directly to the GCTLs to determine initial COPCs. COIs without a primary or secondary standard were adjusted according to the number of carcinogens or the number of noncarcinogens affecting the same target organ/system. For example, as shown in Table 3-8, because 10 contaminants present in groundwater were carcinogens, the GCTLs for these contaminants were divided by 10 to achieve the initial target criteria. More than 20 groundwater samples were collected at AOC C; therefore, several COIs were eliminated based on frequency of detection. Because AOC C is located more than 300 feet from a surface water body (Mayport Turning Basin), the discharge of groundwater into marine surface water was not evaluated as a pathway of concern. The initial COPC screening process identified eight contaminants (1,1-DCE, VC, iron, manganese, sulfate, 1,1-dichlorethane, chloroform, and 1,2-DCE total) that exceeded the adjusted GCTLs (initial target levels), as shown in Table 3-8.

A final COPC evaluation was performed according to the methodology detailed in Section 1.5.3.1. The maximum concentration of all initial COPCs was compared to the adjusted GCTLs for all contaminants without a primary or secondary standard. Table 3-9 presents the comparison of maximum detections with the adjusted GCTLs and lists the final groundwater COPCs. Two contaminants (VC and 1,1-DCE) were selected as final COPCs.

### 3.2.2 Contaminants of Concern – Human Health

The representative concentration of the COPCs for each environmental medium was compared to the FDEP CTLs (Chapter 62-777, FAC) for subsurface soil and groundwater, as appropriate. Section 1.4.3.3 provides a detailed description of the process for the identification of COCs. No COC evaluation was performed for surface soil or surface water because no final COPCs had been identified.

#### 3.2.2.1 Selection of Subsurface Soil COCs – Human Health

Less than 10 samples were collected and analyzed for the subsurface soil COPC at AOC C. Therefore, a 95 percent upper confidence level (UCL) was not calculated for the final COPC (dimethoate). The maximum detected concentration was used as the representative concentration. The representative concentration for dimethoate exceeded its SCTL for leaching to groundwater (Table 3-10). However, dimethoate was not detected in any groundwater, surface water, or surface soil sample collected at AOC C. Because dimethoate does not appear to be leaching into groundwater and is not present in any

# TABLE 3-8
## GROUNDWATER INITIAL COPCs
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA



| Chemical of Interest | Chemical Abstract Number | Frequency of Detection | Maximum Concentration (ug/L) | GCTL[1] (ug/L) | Targety Criteria[2] (P/S, HH)[6] | Target Organ/System or Effect | Adjustment Divisor[3] | Initial Target Level[4] (ug/L) | Exceeds Initial Target Level[5] |
|---|---|---|---|---|---|---|---|---|---|
| **Constituents with Primary or Secondary Standards** | | | | | | | | | |
| **Volatile Organics (ug/L)** | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 8/53 | 14 | 7 | P/S | | 1 | 7 | **Yes** |
| 1,2-Dichloroethane | 107-06-2 | 3/53 | 0.27 | 3 | P/S | | 1 | 3 | No |
| Chlorobenzene | 108-90-7 | 1/53 | 0.086 | 100 | P/S | | 1 | 100 | No |
| Tetrachloroethene | 127-18-4 | 2/53 | 3.4 | 3 | P/S | | 1 | 3 | **No-1** |
| Trans-1,2-dichloroethene | 156-60-5 | 9/53 | 17 | 100 | P/S | | 1 | 100 | No |
| Trichloroethene | 79-01-6 | 13/53 | 1.2 | 3 | P/S | | 1 | 3 | No |
| Vinyl Chloride | 75-01-4 | 7/53 | 4.3 | 1 | P/S | | 1 | 1 | **Yes** |
| cis-1,2-dichloroethene | 156-59-2 | 19/53 | 57 | 70 | P/S | | 1 | 70 | No |
| **Inorganics (ug/L)** | | | | | | | | | |
| Aluminum | 7429-90-5 | 6/53 | 199 | 200 | P/S | | 1 | 200 | No |
| Antimony | 7440-36-0 | 3/53 | 3.4 | 6 | P/S | | 1 | 6 | No |
| Arsenic | 7440-38-2 | 6/53 | 11 | 50 | P/S | | 1 | 50 | No |
| Barium | 7440-39-3 | 39/53 | 52.7 | 2,000 | P/S | | 1 | 2,000 | No |
| Beryllium | 7440-41-7 | 1/53 | 0.21 | 4 | P/S | | 1 | 4 | No |
| Cadmium | 7440-43-9 | 2/53 | 0.83 | 5 | P/S | | 1 | 5 | No |
| Chromium | 7440-47-3 | 6/53 | 5.1 | 100 | P/S | | 1 | 100 | No |
| Copper | 7440-50-8 | 2/53 | 6.8 | 1,000 | P/S | | 1 | 1,000 | No |
| Iron | 7439-89-6 | 32/53 | 8630 | 300 | P/S | | 1 | 300 | **Yes** |
| Lead | 7439-92-1 | 1/53 | 1.7 | 15 | P/S | | 1 | 15 | No |
| Manganese | 7439-96-5 | 52/53 | 386 | 50 | P/S | | 1 | 50 | **Yes** |
| Nickel | 7440-02-0 | 16/53 | 26.3 | 100 | P/S | | 1 | 100 | No |
| Selenium | 7782-49-2 | 1/53 | 3.5 | 50 | P/S | | 1 | 50 | No |
| Zinc | 7440-66-6 | 6/53 | 223 | 5,000 | P/S | | 1 | 5,000 | No |
| **Herbicides (ug/L)** | | | | | | | | | |
| 2,4-D | 94-75-7 | 1/46 | 0.28 | 70 | P/S | | 1 | 70 | No |
| **Pesticides/PCBs (ug/L)** | | | | | | | | | |
| gamma-BHC (Lindane) | 58-89-9 | 2/44 | 0.076 | 0.2 | P/S | | 1 | 0.20 | No |
| Sulfotepp | 3689-24-5 | 1/48 | 0.4 | NS | | | 1 | NS | No |

## TABLE 3-8 (CONTINUED)
## GROUNDWATER INITIAL COPCS
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA
## PAGE 2 OF 3

| Chemical of Interest | Chemical Abstract Number | Frequency of Detection | Maximum Concentration (ug/L) | GCTL[1] (ug/L) | Targety Criteria[2] (P/S, HH)[6] | Target Organ/System or Effect | Adjustment Divisor[3] | Initial Target Level[4] (ug/L) | Exceeds Initial Target Level[5] |
|---|---|---|---|---|---|---|---|---|---|
| **Miscellaneous Parameters (ug/L)** | | | | | | | | | |
| Cyanide | 57-12-5 | 1/53 | 5.5 | 200 | P/S | | 1 | 200 | No |
| Nitrate | 14797-55-8 | 2/24 | 200 | 10,000 | P/S | | 1 | 10,000 | No |
| Sulfate | 14808-79-8 | 22/24 | 570000 | 250,000 | P/S | | 1 | 250,000 | Yes |
| | | | | | | | | | |
| **Constituents without Primary or Secondary Standards** | | | | | | | | | |
| **Volatile Organics (ug/L)** | | | | | | | | | |
| 1,1-Dichloroethane | 75-34-3 | 20/53 | 42 | 70 | HH | Kidney | 5 | 14 | Yes |
| Bromodichloromethane | 75-27-4 | 1/53 | 0.33 | 1 | HH | Carcinogen Kidney | 9 | 0.07 | No-1 |
| Carbon Disulfide | 75-15-0 | 14/53 | 4.5 | 700 | HH | Developmenal Neurological | 2 | 350 | No |
| Chlorodibromomethane | 124-48-1 | 1/53 | 0.2 | 0.4 | HH | Carcinogen Liver | 10 | 0.04 | No-1 |
| Chloroform | 67-66-3 | 6/53 | 4.6 | 6 | HH | Carcinogen Liver | 10 | 0.6 | Yes |
| Chloromethane | 74-87-3 | 1/53 | 0.48 | 3 | HH | Carcinogen | 9 | 0.3 | No-1 |
| Dichlorodifluoromethane | 75-71-8 | 1/53 | 0.78 | 1,400 | HH | Body Weight Liver | 10 | 140 | No |
| Methane | 74-82-8 | 24/24 | 4400 | NS | | | 1 | NS | No |
| 1,2-Dichloroethene (Total) | 540-59-0 | 16/53 | 56 | 63 | HH | Blood Liver | 10 | 6.3 | Yes |
| **Semivolatile Organics (ug/L)** | | | | | | | | | |
| 1,4-Dioxane | 123-91-1 | 2/53 | 16 | 5 | HH | Carcinogen | 9 | 0.56 | No-1 |
| 2-Methylnaphthalene | 91-57-6 | 1/53 | 95 | 20 | HH | Body Weight Nasal | 4 | 5.0 | No-1 |
| Acenaphthene | 83-32-9 | 2/53 | 99 | 20 | HH | Liver | 10 | 2 | No-1 |
| Acenaphthylene | 208-96-8 | 1/53 | 1.8 | 210 | HH | Body Weight Liver | 10 | 21 | No |
| Anthracene | 120-12-7 | 1/53 | 2.1 | 2,100 | HH | None Specified | 1 | 2,100 | No |
| Carbazole | 86-74-8 | 1/53 | 18 | 4 | HH | Carcinogen | 9 | 0.44 | No-1 |
| Dibenzofuran | 132-64-9 | 1/53 | 56 | 28 | HH | None Specified | 1 | 28 | No-1 |
| Fluoranthene | 206-44-0 | 2/53 | 38 | 280 | HH | Blood Kidney Liver | 10 | 28 | No-1 |
| Fluorene | 86-73-7 | 1/53 | 40 | 280 | HH | Blood | 3 | 93 | No |
| Naphthalene | 91-20-3 | 1/53 | 140 | 20 | HH | Body Weight Nasal | 4 | 5 | No-1 |
| Phenanthrene | 85-01-8 | 1/53 | 29 | 210 | HH | Kidney | 5 | 42.0 | No |
| Phenol | 108-95-2 | 1/53 | 1.5 | 10 | HH | Developmental | 2 | 5.0 | No |
| Pyrene | 129-00-0 | 2/53 | 46 | 210 | HH | Kidney | 5 | 42 | No-1 |
| Pyridine | 110-86-1 | 1/53 | 2.6 | 7 | HH | Liver | 10 | 0.7 | No-1 |

## TABLE 3-8 (CONTINUED)
## GROUNDWATER INITIAL COPCS
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA
## PAGE 3 OF 3

| Chemical of Interest | Chemical Abstract Number | Frequency of Detection | Maximum Concentration (ug/L) | GCTL[1] (ug/L) | Targety Criteria[2] (P/S, HH)[6] | Target Organ/System or Effect | Adjustment Divisor[3] | Initial Target Level[4] (ug/L) | Exceeds Initial Target Level[5] |
|---|---|---|---|---|---|---|---|---|---|
| **Pesticides/PCBs (ug/L)** | | | | | | | | | |
| 4,4'-DDT | 50-29-3 | 1/46 | 0.011 | 0.1 | HH | Carcinogen Liver | 10 | 0.01 | No-1 |
| Aldrin | 309-00-2 | 1/46 | 0.0062 | 0.005 | HH | Carcinogen Liver | 10 | 0.0005 | No-1 |
| beta-BHC | 319-85-7 | 1/45 | 0.069 | 0.02 | HH | Carcinogen | 9 | 0.002 | No-1 |
| **Inorganics (ug/L)** | | | | | | | | | |
| Cobalt | 7440-48-4 | 1/53 | 1.6 | 420 | HH | Cardiovascular Immunological Neurological Reproductive | 2 | 210 | No |
| Molybdenum | 7439-98-7 | 2/2 | 5.8 | 35 | HH | Gout | 1 | 35 | No |
| Vanadium | 7440-62-2 | 16/53 | 3.9 | 49 | HH | None Specified | 1 | 49 | No |

Notes:
[1] GCTL for direct contact with groundwater in an industrial setting, from FAC. Chapter 62-777, Table I, dated April 17, 2005.
[2] Indicates target criteria used to determine the effects on organs and/or systems by COI.
[3] Adjustment Divisor is determined by the number of carcinogens or noncarcinogens that affect the same target organ.
[4] The GCTL for direct exposure to groundwater in an industrial setting from Chapter 62-777 FAC, Table I, was divided by the number (i.e. adjustment divisor) of carcinogenic COIs or non-carcinogenic COIs that affect the same target organ/system to account for cumulative affects.
[5] Comparison of the Initial Target Criteria with the Maximum Concentration.
[6] "P/S" means that the constituent has a primary or secondary standard and "HH" means that the constituent does not have a primary or secondary standard and, therefore, human health criteria apply acfcording to the indicated relevant target organ.

No-1 = eliminated based on frequency of detection

# TABLE 3-9
## GROUNDWATER FINAL COPCs
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| Chemical of Interest | Chemical of Interest | Frequency of Detection | Max Conc. (ug/L) | GCTL[1] (ug/L) | Target Criteria[2] (P/S, HH)[7] | Target Organ/System or Effect | Cumulative Cancer or Target Organ/System Analysis[3] | | | | Adjustment Divisor[4] | Final Target Level[5] (ug/L) | COPC Based on GCTL[6] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Blood | Carcinogen | Kidney | Liver | | | |
| **Constituents with Primary or Secondary Standards** | | | | | | | | | | | | | |
| **Volatile Organics** | | | | | | | | | | | | | |
| Vinyl Chloride | 75-01-4 | 7/53 | 2.2 | 1 | P/S | | | | | | 1 | 1 | Yes |
| 1,1-Dichloroethene | 75-35-4 | 8/53 | 14 | 7 | P/S | | | | | | 1 | 7 | Yes |
| **Inorganics** | | | | | | | | | | | | | |
| Iron | 7439-89-6 | 32/53 | 8630 | 300 | P/S | | | | | | 1 | 300 | No-x |
| Manganese | 7439-96-5 | 52/53 | 386 | 50 | P/S | | | | | | 1 | 50 | No-x |
| **Miscellaneous** | | | | | | | | | | | | | |
| Sulfate | 14808-79-8 | 22/24 | 570000 | 250,000 | P/S | | | | | | 1 | 250,000 | No-x |
| **Constituents without Primary or Secondary Standards** | | | | | | | | | | | | | |
| **Volatile Organics** | | | | | | | | | | | | | |
| 1,1-Dichloroethane | 75-34-3 | 20/53 | 42 | 70 | HH | Kidney | | | 0.6 | | 1 | 70 | No |
| Chloroform | 67-66-3 | 6/53 | 4.6 | 6 | HH | Carcinogen Liver | | 0.81 | | | 1 | 5.70 | No |
| 1,2-Dichloroethene (Total) | 540-59-0 | 16/53 | 56 | 63 | HH | Blood Liver | 0.9 | | | 0.9 | 1 | 63 | No |
| | | | | | | Cumulative Sum = | 0.9 | 0.81 | 0.6 | 0.9 | | | |

Notes:

[1] GCTL for direct contact with groundwater in an industrial setting, from FAC Chapter 62-777, Table I, dated April 17, 2005.

[2] Indicates target criteria used to determine the effects on organs and/or systems by COI.

[3] The ratio of the maximum detected concentration to the GCTL is shown for each COPC. A ratio or sum of ratios greater than 1 for carcinogens or for any organ/system indicates an exceedance of FDEP guidance (ratios only shown for COIs that exceed direct contact during initial screen).

[4] Adjustment Divisor is determined by the number of carcinogens or noncarcinogens that affect the same target organ.

[5] The GCTL for direct exposure to groundwater in an industrial setting from Chapter 62-777 FAC, Table I, was divided by the number (i.e. adjustment divisor) of carcinogenic COIs or non-carcinogenic COIs that affect the same target organ/system to account for cumulative affects.

[6] An initial COPC is selected as a final COPC if the maximum concentration of that chemical exceeds the mimimun GCTL.

[7] "P/S" means that the constituent has a primary or secondary standard and "HH" means that the constituent does not have a primary or secondary standard and, therefore, human health criteria apply acfcording to the indicated relevant target organ.

No-x = eliminated based on frequency of detection

**TABLE 3-10**
**SUBSURFACE SOIL COCs - LEACHING TO GROUNDWATER**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| CHEMICAL OF POTENTIAL CONCERN | CHEMICAL ABSTRACT NUMBER | FREQUENCY OF DETECTION | MAXIMUM CONCENTRATION (mg/kg) | SCTL LEACHING TO GROUNDWATER[1] (mg/kg) | BACKGROUND CONCENTRATION[2] (mg/kg) | MEDIA CLEANUP STANDARD - LEACHING[3] (mg/kg) | COC BASED ON LEACHING[4] |
|---|---|---|---|---|---|---|---|
| **OrganoPhos Pesticides** | | | | | | | |
| Dimethoate | 60-51-5 | 1/2 | 0.01 | 0.006 | - | 0.006 | NO[5] |

Notes:
[1] SCTL - Soil Cleanup Target Level for soil leaching to groundwater - Chapter 62-777 F.A.C., April 2005
[2] Mayport background screening value (Tetra Tech NUS, 2000).
[3] The Media Cleanup Standard (MCS) is the minimum CTL or the background screening value, whichever is greater.
[4] A COPC is selected as a COC if the maximum concentration of that chemical exceeds the leaching MCS.
[5] Selected as COC due to leaching but was not present in groundwater samples so eliminated as COC.

other media, it was not selected as a final COC based upon leaching. Therefore, no subsurface soil COCs were identified for AOC C.

#### 3.2.2.2 Selection of Groundwater COCs – Human Health

Two contaminants (VC and 1,1-DCE) were identified as COPCs in groundwater at AOC C. The GCTLs for all final COPCs in groundwater were based on primary or secondary standards. No adjustments were made to the GCTLs for either of the final COPCs evaluated. The MCSs for both VC and 1,1-DCE were determined by their respective GCTLs. As shown in Table 3-11, both exceeded their respective MCSs during the human health evaluation and were identified as final groundwater COCs.

## 3.3 COCs IN SOIL – ECOLOGICAL

Based on the RFI findings, no ecological risk to terrestrial wildlife populations was determined to be likely due to exposure to surface soil or surface water at AOC C. The RFI stated that the industrialized nature of AOC C does not facilitate widespread ecological habitation. The ERA evaluation made the following conclusions:

- The screening-level ERA concluded that no detected chemical had a HQ greater than 1.0 in surface water or sediment, which was the only media determined to be a potential risk to ecological receptors at AOC C.
- Some inorganics and VOCs were selected as COPCs because no USEPA Region IV screening levels were available. However, a Step 3A analysis suggested that these chemicals were not present in quantities that could result in unacceptable risks.
- No further ERA or ecological risk management appears to be warranted for AOC C.

### 3.3.1 COC Summary

The summary list of COCs for groundwater is shown in Table 3-12. The list of locations and concentrations for all groundwater COCs exceeding their MCS is shown in Tables 3-13. A figure depicting groundwater sample locations with exceedances is provided as Figure 3-3. No COCs were identified for soil, sediment, or surface water.

## TABLE 3-11
## SELECTION OF GROUNDWATER COCs
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA

| Chemical of Potential Concern | Chemical Abstract Number | Frequency of Detectoin | Maximum Concectration (ug/L) | GCTL [1] (ug/L) | Target Criteria[2] (P/S, HH) | Adjustment Divisor[3] | Adjusted GCTL (ug/L)[4] | Background Concentration (ug/L)[5] | Media Cleanup Standard[6] (ug/L) | COC[7] (Yes/No) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Constituents with Primary or Secondary Standards** | | | | | | | | | | |
| **Volatile Organics** | | | | | | | | | | |
| Vinyl Chloride | 75-01-4 | 7/53 | 2.2 | 1 | P/S | 1 | 1 | - | 1 | Yes |
| 1,1-Dichloroethene | 75-35-4 | 8/53 | 14 | 7 | P/S | 1 | 7 | - | 7 | Yes |

Notes:

[1] GCTL for direct contact with groundwater in an industrial setting, from FAC Chapter 62-777, Table I, dated April 17, 2005.

[2] Indicates target criteria used to determine the effects on organs and/or systems by COPC.

[3] Adjustment Divisor is determined by the number of carcinogens or noncarcinogens that affect the same target organ.

[4] The GCTL for direct contact with groundwater in an industrial setting taken from FAC 6 2-777, Table I, was divided by the number (i.e., adj. factor) of carcinogenic COPCs or non-carcinogenic COPCs that affect the same target organ/system to account for cumulative affects.

[5] Mayport background screening value (TtNUS, 2000).

[6] The Media Cleanup Standard (MCS) is the minimum CTL or the background screening value, whichever is greater.

[7] A COPC is selected as a final COC if the maximum concentration of that chemical exceeds the MCS.

**TABLE 3-12**
**GROUNDWATER COCs - GCTLs AND FRESHWATER SURFACE WATER (COMBINED)**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| COCs | Chemical Abstract Number | Maximum Concentration (µg/L) | Background Concentration[1] (µg/L) | Site Specific Cleanup Standard - GCTL[2] (µg/L) | Media Cleanup Standard[3] (µg/L) | Media Cleanup Standard Basis[4] |
|---|---|---|---|---|---|---|
| **Volatile Organics** | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 14 | - | 7 | 7 | GCTL |
| Vinyl Chloride | 75-01-4 | 2.2 | - | 1 | 1 | GCTL |

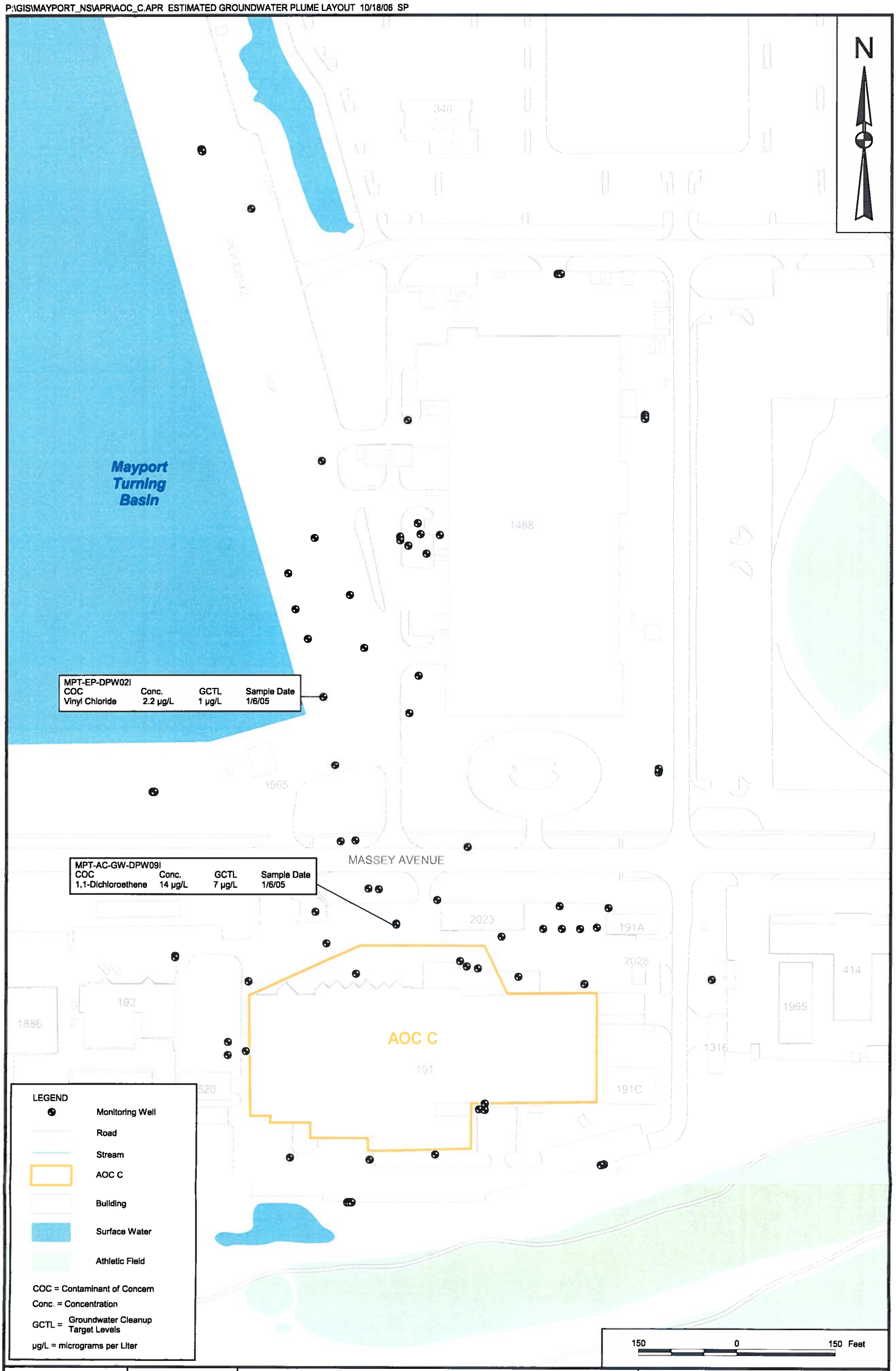
Notes:
1 - Mayport background concentration (Tetra Tech NUS, 2000).
2 - The Site Specific Cleanup Standard GCTL is the Groundwater CTL or the background concentration, whichever is greater.
3 - Media Cleanup Standard is the Minimum of the Site Specific Cleanup Standard GCTL or Site Specific Cleanup Standard - Leaching to Marine Surface Water
4 - Media Cleanup Standard Basis is either GCTL, Freshwter Surface Water, or Background.



**TABLE 3-13**
**COC LOCATIONS AND CONCENTRATIONS**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| COC | Sample ID | Sample Date | Detected Concentration | Media Cleanup Standard Basis |
|---|---|---|---|---|
| Vinyl Chloride | MPT-EP-DPW02I | 01/06/05 | 2.2 | 1 |
| 1,1-Dicholoethene | MPT-TC-DPW09I | 01/06/05 | 14 | 7 |

P:\GIS\MAYPORT_NS\APR\AOC_C.APR ESTIMATED GROUNDWATER PLUME LAYOUT 10/18/06 SP




| | |
|---|---|
| DRAWN BY: S. PAXTON | DATE: 10/18/06 |
| CHECKED BY: C. METZ | DATE: 10/18/06 |
| COST/SCHEDULE-AREA | |
| SCALE: AS NOTED | |

NAVFAC

GROUNDWATER COC LOCATIONS
AOC C
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

| | |
|---|---|
| CONTRACT NUMBER: CTO 0033 | |
| APPROVED BY: — | DATE: — |
| APPROVED BY: — | DATE: — |
| DRAWING NO.: FIGURE 3 - 3 | REV: 0 |

### 3.3.2 Media Cleanup Standards

MCSs establish acceptable exposure levels that are protective of human health and the environment and were estimated for AOC C using baseline assumptions and inputs. MCSs are determined based on federal and state standards, contaminants and media of interest, and exposure pathways. These calculations are based on the State of Florida CTLs (Chapter 62-777, FAC), BSVs (presented and discussed in Section 2.4 of this document) and assumptions regarding ultimate land uses. The current and future use of AOC C is for industrial purposes; therefore, the exposure pathways are to commercial/industrial workers. Specifically, MCSs are used to determine COCs, to estimate areas and volumes of impacted media, and to set performance standards for potential remedial alternatives.

Cleanup of inorganic contaminants below their established background concentrations is not required by regulation; therefore, background-screening values will be used as the lower limit for MCSs. The MCSs selection criteria are summarized below for each medium:

**Groundwater**

- The lower of the State of Florida Groundwater Cleanup Target Levels (GCTLs) (Chapter 62-777, FAC) for groundwater criteria and, when applicable, groundwater discharging into fresh or marine surface water criteria.

- NAVSTA Mayport BSVs will be used as the lower limit for the MCSs of inorganic COCs.

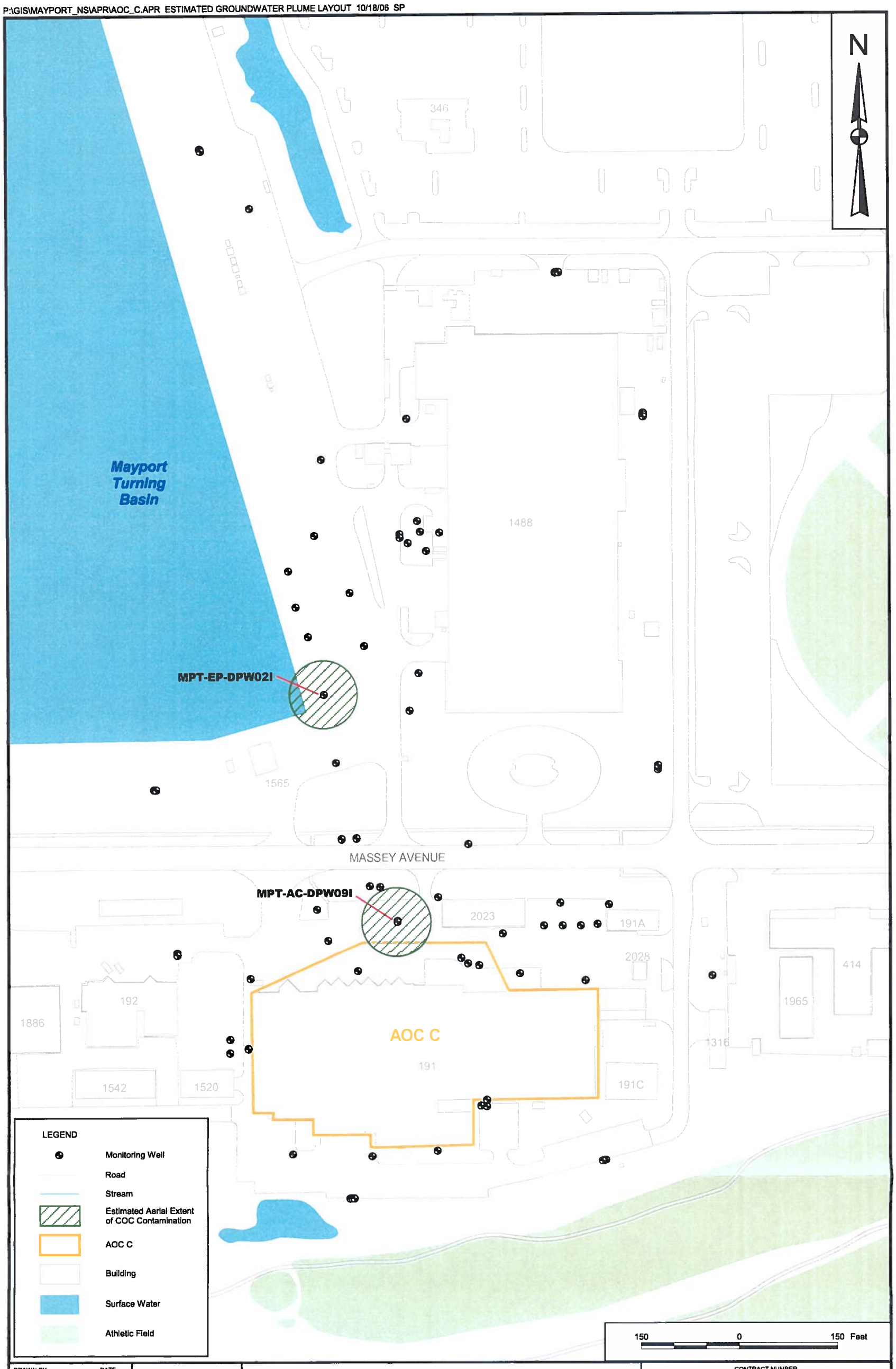
## 3.4 VOLUMES OF CONTAMINATED MEDIA

Estimates of contaminated media volumes are made by identifying the areas exceeding the MCSs. Groundwater analysis data were compared with the corresponding MCS only (no ecological concerns were present due to the absence of terrestrial ecological receptors). Perimeter areas surrounding the contaminated monitoring wells were also included, based on interpolation, as part of the impacted areas so that the area and volume estimates reflect adequate delineation of the contaminants.

### 3.4.1 Volume of Groundwater

A figure showing the locations of both monitoring wells (MPT-EP-DPW02I and MPT-AC-DPW09I) containing a COC concentration greater than the groundwater MCS is provided as Figure 3-4. As no COCs were detected in any other monitoring wells, it was assumed that a 50-foot radius around each of these wells would serve as a conservative estimate of the aerial extent of contamination. Plume thickness was conservatively estimated to be 20 feet (from 20 to 40 feet bgs) at both wells. Estimates of

P:\GIS\MAYPORT_NS\APR\AOC_C.APR ESTIMATED GROUNDWATER PLUME LAYOUT 10/18/06 SP




| DRAWN BY | DATE | CONTRACT NUMBER |
|---|---|---|
| S. PAXTON | 10/18/06 | CTO 0033 |
| CHECKED BY | DATE | APPROVED BY / DATE |
| C. METZ | 10/18/06 | — / — |
| COST/SCHEDULE-AREA | | APPROVED BY / DATE |
| SCALE: AS NOTED | | — / — |

NAVFAC

ESTIMATED GROUNDWATER PLUMES
AOC C
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

DRAWING NO. FIGURE 3 - 4 | REV 0

the pore volume of the plumes centered on MPT-EP-DPW02I and MPT-AC-DPW09I resulted in approximately 822,110 gallons (411,055 gallons/plume) of contaminated groundwater. For further information on the volume estimates of contaminated groundwater, see Appendix C.

## 3.5 CORRECTIVE ACTION OBJECTIVES

At AOC C, the media of concern included surface soil, subsurface soil, surface water, and groundwater. CAOs were based on the COPCs, the exposure pathway, and the present and future receptors at AOC C. Development of the CAOs considered the results of the RFI, particularly the human health risk assessments and ERAs, as well as the applicable Federal and State standards.

For this CMS, CAOs were formulated based on unacceptable human health and ecological risk that exist for direct exposure to groundwater and surface or subsurface soil based on the current and anticipated future use of the sites. Exposure scenarios for human health receptors used the Chapter 62-777, FAC, CTL criteria for residential exposure. Exposure scenarios for ecological receptors were developed in the RFI and IM reports and used ecological benchmarks consistent with current values applicable and relevant to the State of Florida.

The current use of the property at AOC C is industrial and is expected to remain industrial in the future. The current and future receptors are commercial/industrial workers and shoreline benthic aquatic receptors in the Mayport Turning Basin. Potential exposure of terrestrial ecological receptors was not considered a pathway of concern in the RFI for AOC C. Based on the current and future use receptors, the following CAOs were developed for AOC C.

**Groundwater**

**CAO 1:** Prevent ingestion of aquifer groundwater containing carcinogens in excess of the Florida GCTLs (Chapter 62-777, FAC) for groundwater criteria until CAO 3 has been met. The cumulative risk for all COCs shall not exceed an ELCR of $1.0 \times 10^{-6}$ for exposure to groundwater.

**CAO 2:** Prevent ingestion of aquifer groundwater containing noncarcinogens in excess of the Florida GCTLs groundwater criteria until CAO 3 has been met. The HQ for each contaminant shall not exceed 1.0 for the residential/industrial exposure to groundwater. The HI (which is the sum of the HQs) shall not exceed 1.0 for exposure to groundwater.

**CAO 3:** Restore the groundwater aquifer to the Florida GCTLs for groundwater criteria.

# 4.0 IDENTIFICATION AND SCREENING OF CORRECTIVE MEASURE TECHNOLOGIES

## 4.1 PRELIMINARY SCREENING OF CORRECTIVE MEASURES TECHNOLOGIES

Table 4-1 identifies and provides a preliminary screening of corrective measures technologies for groundwater. This preliminary screening is conducted to eliminate those technologies that are clearly not applicable to conditions at AOC C.

The preliminary technology screening is based on overall applicability (technical implementability) to the medium of concern (groundwater), COCs (chlorinated VOCs), and conditions present at AOC C (contamination that is limited to the surficial aquifer and is low in concentration). The purpose of this screening effort is to investigate all available technologies and process options and to eliminate those obviously not applicable to the site. Table 4-2 summarizes the groundwater technologies retained from the preliminary screening.

## 4.2 DETAILED SCREENING OF CORRECTIVE MEASURES TECHNOLOGIES

The technologies retained from the preliminary screening are broadly evaluated in this section. The evaluations are based on criteria of effectiveness, implementability, and relative cost, which are defined as follows:

- Effectiveness - This criterion focuses on the potential effectiveness of process options in protecting human health and the environment and in meeting the CAOs and MCSs. This criterion considers potential impacts to human health and the environment during construction and implementation and how proven and reliable the process is with respect to the contaminants and site conditions.

- Implementability - Implementability is a measure of both the technical and administrative feasibility of implementing a technology. It provides a means of evaluating the ability of a technology to be adapted to site-specific conditions. Technical feasibility includes consideration of construction and operational issues, demonstrated performance, and adaptability to site conditions. Administrative feasibility considerations include the ability to obtain any necessary permits or easements or adherence to applicable laws and concerns of other regulatory agencies. General availability of necessary equipment and resources is also evaluated.

# TABLE 4-1
## PRELIMINARY SCREENING OF CORRECTIVE MEASURE TECHNOLOGIES FOR GROUNDWATER
## AOC C CORRECTIVE MEASURES STUDY
## NAVAL STATION MAYPORT
## MAYPORT, FLORIDA
## PAGE 1 OF 2

| General Corrective Action | Corrective Measures Technology | Technology | Description | General Screening Comments |
|---|---|---|---|---|
| Limited Action | No Action | Not Applicable | No remedial actions taken. | Retained. Will be considered for baseline comparison and for areas that have not experienced any releases of hazardous substances or for areas determined to have minimal short-term or long-term effects on groundwater quality. |
| | Land Use Controls (LUCs) | Institutional Controls | Zoning regulations in the area of groundwater contamination would involve restrictions on groundwater use and installation of new wells. | Retained. LUCs are viable and will be considered where no active corrective measures are required due to limited contamination or no elaborate corrective measure warranted and/or in combination with any technology where contaminants exceeding CMS objectives remain. |
| | Monitoring | Natural Attenuation | Periodic monitoring of groundwater wells in the area of potential groundwater contamination to track natural degradation of contaminants. | Retained. Natural attenuation groundwater monitoring is a viable remedial alternative for low level contamination. |
| Containment | Hydrodynamic Control | Extraction Wells | Control of plume migration by a system consisting of extraction of the contaminated groundwater. | Eliminated. No technologies are being recommended that remove the groundwater contamination from its current location and could potentially contaminate other medias or create discharge/disposal issues. |
| | | Collection Trench | Control of plume migration by a collection trench and extraction of the contaminated groundwater. | Eliminated. No technologies are being recommended that remove the groundwater contamination from its current location and could potentially contaminate other medias or create discharge/disposal issues. |
| | | Slurry Wall | Trench around areas of contamination is filled with a soil (or cement) bentonite slurry to obstruct/divert the groundwater flow. | Eliminated. Contaminant migration is not an issue. Contamination is present at 35 feet bgs. A downward flow gradient and lack of confining unit would not obstruct/divert groundwater flow. |
| | | Grout Curtain | Pressure injection of grout in a regular pattern of drilled holes. Requires integration with confining layer to be effective. | Eliminated. Contamination does not appear to be migrating off-site and effective confining unit is not present. |
| | Subsurface Barriers | Sheet Piling | Driving interconnecting lengths of steel into the ground to form a thin, impermeable barrier. Requires integration with confining layer to be effective. | Eliminated. Contamination does not appear to be migrating off-site and effective confining unit is not present. |
| Removal [1] | Extraction | Extraction Wells | Series of pumping wells to extract contaminated groundwater. | Eliminated. No technologies are being recommended that remove the groundwater contamination from its current location and could potentially contaminate other medias or create discharge/disposal issues. |
| | | Collection Trenches | Perforated pipe in trenches backfilled with porous media to collect groundwater. May include sumps and gravity drains. | Eliminated. Depth to contamination too great (35 to 45 feet bgs). No technologies are being recommended that remove the groundwater contamination from its current location and could potentially contaminate other medias or create discharge/disposal issues. |
| In-situ Treatment | Bioremediation | Aerobic | Degradation of organics using microorganisms in an oxygen-enriched environment. | Retained. VC and 1,1-DCE degrade effectively in aerobic environments. |
| | | Anaerobic | Degradation of organics using microorganisms in an oxygen-deficient environment. | Eliminated. VC would not be effectively remediated in an anaerobic environment. |

TABLE 4-1

PRELIMINARY SCREENING OF CORRECTIVE MEASURE TECHNOLOGIES FOR GROUNDWATER
AOC C CORRECTIVE MEASURES STUDY
NAVAL STATION MAYPORT
MAYPORT, FLORIDA
PAGE 2 OF 2

| General Corrective Action | Corrective Measures Technology | Technology | Description | General Screening Comments |
|---|---|---|---|---|
| In-situ Treatment (continued) | Physical / Chemical | Air Sparging | Injection of air below the water table. Rising bubbles volatilize dissolved and adsorbed phase contaminants and transport them to the vadose where they are removed by a method of collection such as vapor extraction or by in situ aerobic degradation. | Eliminated. No technologies are being recommended that remove the groundwater contamination from its current location and could potentially contaminate other medias or create discharge/disposal issues. |
| | | Permeable Reactive Barriers (PRBs) | An in situ barrier composed of a permeable reactive material that reacts with the contaminants in the water, reducing their concentrations by physical and chemical processes. | Eliminated. This technology requires contaminated groundwater to flow through the PRB. With no contaminant migration, it would be ineffective. |

**TABLE 4-2**

**REPRESENTATIVE GROUNDWATER CORRECTIVE MEASURE TECHNOLOGIES
AOC C CORRECTIVE MEASURES STUDY
NAVAL STATION MAYPORT
MAYPORT, FLORIDA**

| General Corrective Action | Corrective Measures Technology | Technology | Representative Technology | Rationale |
|---|---|---|---|---|
| No Action | No Action | None | None | Required |
| LUCs | Land Use and Access Restrictions Water Use Restrictions | Institutional Controls | Fencing, Land Use Restrictions | To impose water and residential use restrictions. |
| Monitoring with Natural Attenuation | Natural Attenuation Monitoring | Natural Attenuation | Natural Attenuation | Monitoring would track the progress of natural attenuation until MCSs were attained. |
| In-situ Treatment | Aerobic Bioremediation | Microorganism degradation of organics | PermeOx® or ORC® | Stimulating microorganisms with aerobic conditions to effectively reduce organic contaminants. |

- Cost - Cost evaluations allow a relative comparison between similar technologies and play a limited role in technology screening. The cost analysis is based on engineering judgment and each technology is evaluated as to whether costs are low, medium, or high relative to the other options in the same technology type. If there is only one process option, costs are compared to other candidate technologies.

The process options presented in Table 4-2 for use at AOC C are evaluated in the following sections. Because the No Action option must be used as a baseline for comparison with other corrective action alternatives, it is retained.

### 4.2.1 Limited Action

Two technologies were retained from preliminary screening: LUCs and monitoring with natural attenuation.

#### 4.2.1.1 Land Use Controls

LUCs would prevent use of the groundwater for drinking purpose until the MCSs have been met. A LUC Remedial Design, including land use restrictions, would be prepared and implemented so that, prior to

any future development of AOC C, adequate measures would be taken to minimize potentially adverse human health and environmental risks. A formal notice would be issued to the responsible agency to prevent the issue of permits for the installation of drinking water wells at AOC C. As part of LUCs, annual site inspections would be conducted to verify and enforce the continued application of these controls. Results of these annual inspections would be reported to regulatory agencies.

**Effectiveness**

Groundwater use restrictions would be effective in combination with source control activities. These controls would minimize potential human health risks associated with exposure to contaminated groundwater. At AOC C, soil is not the source of groundwater contamination and no other source of contamination has been identified. As such, LUCs would achieve the CAOs for AOC C.

**Implementability**

LUCs would be readily implementable. Federal facilities typically ensure long-term effectiveness of LUCs by implementing LUC Remedial Designs. The Navy could implement a LUC Remedial Design to ensure compliance with land use restrictions and specify other activities or controls necessary to limit exposure to contaminated groundwater at AOC C. Resources are readily available for the preparation of land use restrictions.

**Cost**

Costs of LUCs would be low.

**Conclusion**

LUCs are retained for the development of corrective measures alternatives.

#### 4.2.1.2 Monitored Natural Attenuation

Monitored natural attenuation would consist of using sampling and analysis of groundwater in and around the VOC plumes (centered around MPT-EP-DPW02I and MPT-AC-DPW09I) to evaluate both the trends of COC concentrations and natural attenuation within the plumes and detect potential plume expansion and migration. Natural attenuation includes naturally occurring processes such as biodegradation, abiotic transformation, dispersion, and dilution that would reduce concentrations of COCs over time. To track the progress of the natural attenuation processes, groundwater samples would be regularly collected and analyzed for chlorinated VOCs and natural attenuation parameters such as oxidation/reduction potential (ORP), dissolved oxygen, pH, alkalinity, temperature, conductivity, TOC, ferrous and total iron, sulfur compounds (sulfides, sulfates), nitrogen compounds (nitrites, nitrates), orthophosphates, chloride, and metabolic gases (methane, ethane, ethene, and carbon dioxide).

**Effectiveness**

Naturally occurring processes could reduce groundwater contaminant concentrations over the long term. Results of the RFI confirmation sampling indicates that contaminant concentrations have decreased since the original RFI sampling to the extent that the only identified site COCs are 1,2-DCE and VC (typical chlorinated solvent metabolites). This seems to indicate that reductive dechlorination, normally one of the main pathways for natural attenuation of chlorinated VOCs, is occurring.

Groundwater monitoring would provide an effective means of evaluating the concentrations of COCs in groundwater and of assessing the rate of decrease of these concentrations. Monitoring of natural attenuation parameters would help to evaluate the conditions favorable to the natural attenuation process.

**Implementability**

Monitored natural attenuation would be easy to implement. Monitoring groundwater quality, restricting groundwater use, and periodic reviewing of site conditions could readily be performed, and the necessary resources are available to provide these services.

**Cost**

Capital and operations and maintenance (O&M) costs for monitored natural attenuation would be low.

**Conclusion**

Monitored natural attenuation is retained for the development of corrective measure alternatives because its implementation would provide useful information about the progress in reducing contaminants in groundwater and would be easy and inexpensive.

### 4.2.2 In-Situ Treatment

The only active treatment technology retained from the preliminary screening was in-situ bioremediation.

#### 4.2.2.1 In-Situ Bioremediation

This technology typically consists of enhancing naturally occurring biological activity by subsurface injection of chemicals. An oxygen-release compound (ORC) such as hydrogen or magnesium peroxide would be injected into the groundwater to enhance the aerobic biodegradation of the chlorinated VOC metabolites. Typically, injection is implemented by direct push technology (DPT), but existing and/or new monitoring wells can also be used for this purpose. If necessary, initial injection is followed by a periodic maintenance dosage(s).

**Effectiveness**

In-situ bioremediation with an ORC injection is fairly well proven for the removal of the chlorinated VOCs 1,1-DCE and VC. The technology is reliable, with minimum effects on human health and the environment. This technology would therefore be well suited to the treatment of the AOC C groundwater plumes.

**Implementability**

In-situ bioremediation could be readily implemented. Qualified contractors are available for the implementation of this technology. This technology typically requires subsurface injection of chemicals at multiple points to create a grid that covers a contaminant plume. DPT has proven to be the most practical and economical means of installing this multiplicity of injection points.

**Cost**

Capital and O&M costs for in-situ bioremediation would be low to moderate.

**Conclusion**

In-situ bioremediation with an ORC injection is retained for the development of corrective measures alternatives.

## 4.3 DEVELOPMENT OF CORRECTIVE MEASURES ALTERNATIVES

Based on the technology screening presented in Sections 4.1 and 4.2, the following technologies and process options were retained for use at AOC C:

- No Action
- Limited Action: LUCs and Monitored Natural Attenuation
- In-Situ Treatment: In-Situ Bioremediation (aerobic)

Using these technologies, the following three corrective measures alternatives were developed:

- Alternative 1: No Action
- Alternative 2: Monitored Natural Attenuation and LUCs
- Alternative 3: In-Situ Bioremediation, LUCs, and Monitoring

The following sections outline the components of each of the corrective measures alternatives to address the contaminated groundwater at AOC C.

### 4.3.1 Alternative 1: No Action

The No Action alternative maintains the site as is. This alternative does not address the groundwater contamination and is retained to provide a baseline for comparison to other alternatives. There would be no reduction in toxicity, mobility, or volume of the contaminants other than what would result from natural dispersion, dilution, biodegradation, and other attenuating factors. Existing monitoring programs and institutional controls would be discontinued and the site would be available for unrestricted use.

### 4.3.2 Alternative 2: Monitored Natural Attenuation and Land Use Controls

Alternative 2 would consist of two major components: (1) monitored natural attenuation and (2) LUCs.

#### 4.3.2.1 Component 1: Monitored Natural Attenuation

Natural attenuation would rely on naturally occurring processes to significantly reduce the concentrations of chlorinated VOCs. These processes include a combination of biodegradation, dispersion, dilution, and adsorption in various proportions depending on the type of contaminant and aquifer conditions. Aquifer conditions would be continually monitored to ensure that they are favorable and to verify that concentrations of COCs are being adequately reduced.

Monitoring would consist of regularly collecting and analyzing groundwater samples in and around the two plumes centered on monitoring wells MPT-EP-DPW02I and MPT-AC-DPW09I.

Monitoring would take place over a period of 30 years or until the MSCs are consistently achieved and consists of collecting groundwater samples from eight existing monitoring wells. Monitoring of eight wells would occur for 30 years (on a quarterly basis for year 1, semi-annually for years 2 - 5, and annually for years 6 - 30) and the collected groundwater samples analyzed for VOCs. In addition, during the first 5 years, samples would also be analyzed for natural attenuation indicator parameters, such as ORP, dissolved oxygen, pH, alkalinity, temperature, conductivity, TOC, ferrous and total iron, sulfur compounds (sulfates, sulfides), nitrogen compounds (nitrates, nitrites), orthophosphates, chlorides, and metabolic gases (methane, ethane, ethene, and carbon dioxide). Wells would only be removed from monitoring if two consecutive monitoring events showed that no COCs exceeded MSCs. If all wells are removed from the monitoring program due to no COCs exceeding MSCs, the monitoring program will be stopped and NFA will be recommended for groundwater. The eight monitoring wells to be sampled as part of a monitoring program are MPT-EP-DPW02I, MPT-AC-GW-DPW09I, MPT-AC-GW-DPW09D,

MPT-TC-DPW02I, MPT-TC-DPT09I, MPT-TC-DPW11I, MPT-TC-DPW12I, and MPT-TC-DPW04SID. The monitoring well locations are shown on Figure 2-4.

Regulatory reviews would be performed every 5 years on the monitoring data to evaluate site status, to assess the continued adequacy of remedial activities, and to determine whether further action is necessary.

#### 4.3.2.2 Component 2: Land Use Controls

LUCs would prohibit aquifer use for drinking purposes until the MCSs have been met. A LUC Remedial Design, including land use restrictions, would be prepared and implemented so that, prior to any future development of AOC C, adequate measures would be taken to minimize potentially adverse human health and environmental risks. As part of institutional controls, annual site inspections would be conducted to verify and enforce the continued application of these controls. Results of these annual inspections would be reported to regulatory agencies.

### 4.3.3 Alternative 3: In-Situ Bioremediation, Land Use Controls, and Monitoring

Alternative 3 would consist of three major components: (1) in-situ bioremediation with an ORC injection, (2) LUCs, and (3) monitoring.

#### 4.3.3.1 Component 1: In-situ Bioremediation

In-situ bioremediation would consist of using an ORC injection to enhance the growth of indigenous microorganisms and to augment the natural biodegradation of chlorinated VOCs. An ORC would be injected into the contaminated groundwater area using DPT. Based upon experience with similar applications, it is assumed that 20 DPT injection points (10 within each of the plumes) would be installed to a depth of 45 feet bgs and that ORC would be injected at the rate of 2 pounds per foot of depth in the 25- to 45-foot bgs interval, for a total application use of 800 pounds. Additional injections might be required to deal with residual contamination that might rebound after the initial injection. However, for the purposes of this CMS, it is assumed that a single ORC application would be required. The exact design of the treatment system would be verified through treatability testing prior to implementation.

#### 4.3.3.2 Component 2: Land Use Controls

This component would be identical to Component 2 of Alternative 2.

#### 4.3.3.3 Component 3: Monitoring

This component would be similar to the monitoring program outlined in Component 1 of Alternative 2, except that it would only last an estimated 5 years. Sampling would be conducted quarterly during year 1, semi-annually during years 2 and 3, and annually for the remaining 2 years.

At the end of 5 years, a review would be performed to evaluate site status, to assess the continued adequacy of remedial activities, and to determine whether further action is necessary.

# 5.0 EVALUATION OF CORRECTIVE MEASURES ALTERNATIVES

The identified corrective measures alternatives are evaluated using the following criteria contained in the Final RCRA Corrective Action Plan (USEPA, 1994):

The alternatives are evaluated against the standards listed below:

1. Protect human health and the environment.
2. Attain MCSs set by the implementing agency.
3. Control the source of releases.
4. Comply with any applicable standards for management of wastes.
5. Other factors –
    - Long-term reliability and effectiveness
    - Reduction in toxicity, mobility, or volume of wastes
    - Short-term effectiveness
    - Implementability
    - Cost

The criteria and elements for the above standards to be used for the detailed analysis of alternatives are described below.

**Protect Human Health and the Environment**

Corrective action remedies must be protective of human health and the environment. Remedies may include those measures that are needed to be protective, but are not directly related to media cleanup, source control, or management of wastes. A discussion of what types of short-term remedies are appropriate for the site and how various corrective measure alternatives meet this standard should be presented.

**Attain Media Cleanup Standards Set by the Implementing Agency**

Remedies will be required to attain MCSs set by the implementing agency that may be derived from existing state or federal regulations or other standards. Provide the necessary information to address whether the potential corrective action will achieve the preliminary remediation objective as defined by the implementing agency as well as other, alternative remediation objectives that may be proposed to attain the MCSs.

**Control the Sources of Releases**

A critical objective of any corrective action must be to stop further environmental degradation by controlling or eliminating further releases that may pose a threat to human health and the environment. The source control standard is not intended to mandate a specific corrective action or class of corrective actions. Instead, a wide range of options should be examined. This standard should not be interpreted to preclude the equal consideration of using other protective remedies to control the source, such as partial waste removal, capping, slurry walls, in-situ treatment/stabilization or consolidation. As part of the CMS, the issue of whether source control measures are necessary should be addressed, and, if so, the type of actions that would be appropriate should be outlined. Any source control measure proposed should include a discussion on how well the method is anticipated to work given the particular situation at the facility and the known track record of the specific technology.

**Comply with any Applicable Standards for Management of Wastes**

A discussion of how the specific waste management activities will be conducted in compliance with all applicable Federal or State regulations [e.g., closure requirements and land disposal restrictions (LDRs)] should be presented.

**Other Factors**

Five general factors represent a combination of technical measures and management controls for addressing the environmental problems at the facility. These factors will be considered as appropriate by the implementing agency in selecting/approving a corrective action that meets the four standards listed above. The five general decision factors and relevant information that may be requested are as follows:

Long-Term Reliability and Effectiveness - Demonstrated and expected reliability is a way of assessing the risk and effect of failure. Consideration should be given as to whether the technology or a combination of technologies have been used effectively under analogous site conditions, whether failure of any one technology in the alternative would have an immediate impact on receptors, and whether the alternative would have the flexibility to deal with uncontrollable changes at the site (e.g., heavy rainstorms, earthquakes). Each corrective measure alternative should be evaluated in terms of the projected useful life of the overall alternative and of its component technologies.

Reduction in the Toxicity, Mobility, or Volume of Wastes - As a general goal, remedies will be preferred that are capable of eliminating or substantially reducing the inherent potential for the contaminants to cause future environmental releases or other risks to human health and the environment. However, there may be some situations where substantial reductions in toxicity, mobility, or volume may not be practicable or even desirable. Estimates of how much the corrective measure alternatives will reduce the waste toxicity, volume, and/or mobility may be helpful in applying this factor. This may be done through a comparison of initial site conditions to expected post-corrective measure conditions.

Short-Term Effectiveness - Short-term effectiveness may be particularly relevant when remedial alternatives will be conducted in densely populated areas, or where waste characteristics are such that risks to workers or to the environment are high and special protective measures are needed. Possible factors to consider include fire, explosion, exposure to hazardous substances, and potential threats associated with treatment, excavation, transportation, and redisposal or containment of waste material.

Implementability - Implementability will often be a determining variable in shaping remedies. Some technologies will require state or local approvals prior to construction and there may be some restrictions or concerns for certain remedial approaches. Typical factors to be considered include administrative activities (e.g., permits, right of way, offsite approvals) and the time these activities will take; constructability of the remedial measure and time for beneficial results, availability of off-site treatment, storage, and disposal facility services; and availability of prospective technology.

Cost - The relative cost of a corrective action may be an appropriate consideration, especially in those situations where several different technical alternatives to remediation will offer equivalent protection of human health and the environment. Cost estimates could include costs for engineering, site preparation, construction, materials, labor, sampling/analysis, waste management/disposal, permitting, health and safety measures, training, O&M, etc.

## 5.1 EVALUATION OF GROUNDWATER CORRECTIVE MEASURES ALTERNATIVES

The identified corrective measure alternatives are evaluated using the criteria described in Section 5.0.

### 5.1.1 Alternative 1: No Action

**Protect Human Health and the Environment**

No Action would allow unacceptable risks to human health and the environment. The No Action alternative would do nothing to effectively address contaminated groundwater or control its potential migration to off-site areas.

**Attain Media Cleanup Standards**

No Action would not confirm if MCSs were ever achieved. Natural attenuation may eventually reduce low concentrations of COCs to acceptable levels, but the progress of attenuation would not be monitored.

**Control the Source of Releases**

No Action would not control or eliminate the source of contamination. Natural attenuation may eventually eliminate the source; however, the potential progress of natural attenuation would not be monitored.

**Comply with any Applicable Standards for Management of Wastes**

No Action would not involve any waste management activities. Therefore, no standards for management of wastes would apply.

**Other Factors**

Long-Term Reliability and Effectiveness - The No Action alternative would not provide long-term reliability and effectiveness. Contaminants could continue to migrate and might pose a long-term risk to human health and the environment. Aside from the potential reduction of contamination through natural attenuation, this alternative would offer no reduction in risk over long periods of time.

Reduction in the Toxicity, Mobility, or Volume of Wastes - Reduction of toxicity, mobility, or volume would potentially occur but only through natural processes. Natural biodegradation would not be documented in the absence of monitoring, and contaminated groundwater could potentially migrate off-site.

Short-Term Effectiveness - The No Action alternative would not include any construction or remedial implementation, so there would be no short-term risks to workers, the community, or the environment from these activities. Neither the public nor the workers would be exposed to potential threats associated with construction or transportation.

Implementability - No technical implementability issues would exist because no corrective action would occur. Once the alternative was approved, there would be no administrative issues and no need to coordinate with other agencies or acquire permits. Future remedial actions, if needed, would not be hindered by the No Action alternative.

Cost - No corrective action would occur; therefore, there would be no costs.

### 5.1.2 Alternative 2: LUCs and Monitored Natural Attenuation

**Protect Human Health and the Environment**

LUCs would effectively prevent direct human contact with contaminated groundwater by controlling the access to and preventing the withdrawal of contaminated groundwater. Monitoring would ensure that no new potable groundwater wells would be installed and that restrictions on land use would be in place, and would assess the progress of natural attenuation and groundwater quality. No COC migration has been observed at this site to date and the implementation of monitoring would verify that no migration of contaminants is occurring. Over a period of time the concentrations of COCs in groundwater would reach levels that would be protective to human health and the environment through natural attenuation.

**Attain Media Cleanup Standards**

Alternative 2 would attain the groundwater MCSs over time. Natural processes would reduce low concentrations of COCs to acceptable levels, which would be indicated by the monitoring. The FDEP has established natural attenuation default source concentrations (NADSCs) for groundwater contaminants. Contaminant concentrations that do not exceed the FDEP NADSC value are permitted to enter into a monitored natural attenuation program. The existing concentrations of COCs at AOC C fall within the FDEP acceptable NADSC values that provide adequate protection of human health.

**Control the Source of Releases**

LUCs would not control or eliminate the source of contamination. Monitored natural attenuation would remove the contaminant source over time principally through biodegradation, and the degradation progress would be monitored.

**Comply with any Applicable Standards for Management of Wastes**

LUCs and monitored natural attenuation would not involve any waste management activities other than disposal of sampled water that would be disposed of following applicable standards. No other standards for management of wastes would apply.

**Other Factors**

Long-Term Reliability and Effectiveness - LUCs would effectively prevent exposure to groundwater until the MCSs have been met. Natural attenuation would offer reduction in risk over a period of time; the progress of which would be monitored. Monitoring is effective in tracking reduction in contaminant concentrations. Monitoring would also be effective to verify the continued lack of significant migration of COCs.

Reduction in the Toxicity, Mobility, or Volume of Wastes - Alternative 2 would reduce the toxicity and volume through natural attenuation processes, principally biodegradation.

Short-Term Effectiveness - Alternative 2 would involve sampling groundwater monitoring wells. The minimal short-term risks to workers and the environment would be manageable using the appropriate controls. Implementation of this alternative would not pose any safety concerns to nearby communities, the environment, or on-site workers. On-site workers would be protected from exposure to hazardous substances through the following of health and safety procedures mandated by the Occupational Safety and Health Act (OSHA), including appropriate use of personal protective equipment (PPE).

Implementability - Alternative 2 would be readily implementable. Monitoring would require periodic sampling, maintenance of existing site wells, and the potential installation of new monitoring wells. Materials and labor would be readily available for the periodic sampling. Administrative issues and coordination with other agencies or acquiring permits would be easily achievable. Future remedial actions, if needed, would not be hindered by this alternative.

Cost - The following costs are estimated for Alternative 2:

| | |
|---|---|
| Capital Costs: | $18,000 |
| O&M Costs: | $0 |
| Monitoring Costs: | $24,000 for Year 1 |
| | $14,000/year for Years 2 through 5 plus $10,000 for a site review at Year 5 |
| | $10,000/year for Years 6 through 30 plus $10,000 for a site review at Years 10, 15, 20, 25, and 30 |
| 30-Year NPW: | $263,000 |

Detailed cost estimates are provided in Appendix D.

### 5.1.3 Alternative 3: In-Situ Bioremediation, LUCs, and Monitoring

**Protection of Human Health and the Environment**

Alternative 3 would be protective of human health and the environment by accelerating naturally occurring processes through active treatment of contaminated groundwater at AOC C. In-situ injection of an ORC in the contaminant plume would effectively enhance the biodegradation of chlorinated VOCs. Groundwater monitoring would be conducted to determine the effectiveness of this alternative. Groundwater use would be restricted to prevent exposure to contaminated groundwater until MCSs have been met.

**Attainment of MCSs**

Past experience with remediation of chlorinated VOCs with an ORC injection indicates that Alternative 3 would likely meet MCSs in the AOC C groundwater within 5 years.

**Source Control**

The site screening investigations concluded that soil is not a source of groundwater contamination. In addition, Alternative 3 would actively promote the in-situ biodegradation of the AOC C contaminant plumes and thus reduce the most likely source of potential COC migration.

**Compliance with Waste Management Standards**

Alternative 3 would not generate any treatment residues. However, the installation of injection points and periodic sampling activities would generate some residues (e.g., decontamination water, purge water) that would have to be disposed appropriately. The volume of residues generated would be small and waste management regulations would be easily met.

**Other Factors**

Long-Term Reliability and Effectiveness - Alternative 3 would be effective because in-situ bioremediation is a well-demonstrated technology for the removal of chlorinated VOCs from groundwater. Groundwater monitoring would effectively evaluate the progress of remediation, and institutional controls would effectively prevent risk from exposure to contaminated groundwater until the MCSs have been met. Multiple injections of ORC may be required to maintain effectiveness of the in-situ biodegradation process.

Alternative 3 would achieve CAOs. Institutional controls would prevent exposure to contaminated groundwater. In-situ bioremediation would restore groundwater quality and ultimately reduce COC concentrations to less than MCSs.

Reduction in Toxicity, Mobility, and Volume - Alternative 3 would reduce the toxicity, mobility, and volume of COCs through active treatment of contaminated groundwater.

Short-Term Effectiveness - The short-term impact of Alternative 3 would be minimal. Site workers would receive site-specific health and safety training and wear appropriate PPE. Implementation of this alternative would not result in any threat to the surrounding community or ecological receptors.

Implementability - Alternative 3 would be implementable. The resources, equipment, and materials necessary for the installation of an ORC injection are readily available.

This alternative could be implemented within approximately 6 months. Past experience with ORC remediation of chlorinated VOCs plumes at similar sites indicates that groundwater MCSs would be met within an estimated 5 years.

Cost Analysis - The following costs are estimated for Alternative 3:

| | |
|---|---|
| Capital Costs: | $128,000 |
| O&M Costs: | $0 |
| Monitoring Costs: | $81,000 for Year 1 |
| | $41,000 for Years 2 and 3 |
| | $26,000 for Year 4 |
| | $38,000 plus $10,000 for site review for Year 5 |
| 5-Year NPW: | $319,000 |

Detailed cost estimates are provided in Appendix D.

# 6.0 COMPARATIVE ANALYSIS AND RECOMMENDATION

The following sections provide a comparative analysis of the three corrective measures alternatives using the same criteria that were used to evaluate the alternatives in Section 5.0.

## 6.1 PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

Alternative 1 would not be sufficiently protective of human health and the environment. Alternative 2 would provide adequate protection of human health and the environment. Alternatives 3 would be more protective than Alternative 2 by significantly accelerating the removal of chlorinated VOCs from AOC C groundwater.

Alternatives 2 and 3 include LUCs to prevent use of AOC C groundwater as a drinking water source and groundwater monitoring to examine the concentrations and migration of site COCs. The potential for off-site migration is greater under Alternatives 1 and 2 than Alternative 3.

## 6.2 ATTAINMENT OF MCSs

Alternatives 1 and 2 might eventually attain MCSs through naturally occurring processes, but this would only be verified through monitoring in Alternative 2.

Alternatives 3 would attain MCSs for chlorinated VOCs at AOC C before Alternatives 1 and 2. With Alternatives 2 and 3, attainment of the MCSs would be verified through groundwater monitoring.

## 6.3 SOURCE CONTROL

The site screening investigations concluded that the soil is not a source of groundwater contamination. The exact source of the groundwater contamination is unknown but previous monitoring has shown it is not migrating. Alternatives 1 and 2 would not provide any source control. Alternatives 3 would provide source control through active treatment of the contaminated groundwater.

## 6.4 COMPLIANCE WITH WASTE MANAGEMENT STANDARDS

Alternative 1 would not generate any waste material. Alternatives 2 and 3 would not generate any treatment residues and would generate a minimal amount of waste materials associated with groundwater monitoring activities (e.g., purge water). Permitted off-site facilities would be readily available for the disposal of the waste materials generated by Alternatives 2 and 3.

## 6.5 OTHER FACTORS

### 6.5.1 Long-Term Reliability and Effectiveness

Alternative 1 would not be effective and reliable. Alternative 2 would effectively remove COCs through naturally occurring processes. Alternatives 3 would be more effective than Alternative 2 because the removal of chlorinated VOCs would be significantly accelerated through in-situ biodegradation. The institutional controls component of Alternatives 2 and 3 would effectively prevent exposure to contaminated groundwater until the groundwater MCSs have been achieved.

### 6.5.2 Reduction in Toxicity, Mobility, and Volume

Alternatives 1 and 2 would not reduce the toxicity, mobility, or volume of COCs through treatment, but some reduction of toxicity and volume might be achieved through naturally occurring processes. Alternatives 3 would reduce the toxicity, mobility, and volume of COCs through active in-situ biodegradation.

### 6.5.3 Short-Term Effectiveness

Alternative 1 would not result in any short-term risks to human health or the environment. Alternatives 2 and 3 would result in minimal short-term risks to groundwater monitoring personnel. These risks would be addressed through health and safety training and the wearing of appropriate PPE.

### 6.5.4 Implementability

Alternative 1 would be the easiest to implement because no action would be needed.

The groundwater monitoring and LUCs components of Alternative 2 would be very easy to implement. LUCs would be readily implementable through a LUC RD because AOC C is located within a government-owned facility where such controls are easier to enforce.

Alternative 3 would be somewhat more difficult to implement than Alternative 2. In addition to the same monitoring and institutional controls as Alternative 2, it would require the installation of ORC injection points (via DPT). Contractors and equipment are readily available for implementing the technologies included in the in-situ biodegradation process. Installation of the Alternative 3 ORC injection points (via DPT) would be relatively simple, but utility clearance and coordination with operations conducted within AOC C would be required. Alternative 3 would require approximately 6 months for design and corrective action installation.

### 6.5.5 Cost

The estimated capital and O&M costs and NPW are presented in Table 6-1. The capital cost of Alternative 2 is $18,000 compared with $128,000 for Alternative 3. There are no O&M costs associated with Alternatives 2 and 3. Monitoring costs for Alternative 2 are $24,000 for Year 1, $14,000 per year for Years 2 through 5, and $10,000 per year thereafter. Monitoring costs for Alternative 3 is $81,000 for Year 1, $41,000 for Years 2 and 3, and $26,000 for Years 4 and 5. The cost of site reviews is $10,000 for all alternatives. The NPW of Alternatives 2 and 3 are $263,000 and $319,000, respectively. Detailed costs are provided in Appendix D.

## 6.6 RECOMMENDED CORRECTIVE MEASURE

Alternative 2 is recommended for use at AOC C. The LUCs and monitoring associated with this alternative will provide adequate protection of human health and the environment. Alternative 2 will be easy to implement and will have little affect on current operations conducted with AOC C. Groundwater data for AOC C indicate that natural attenuation of the VOC plumes is currently occurring. Currently, only 1,1-DCE and VC are present in the groundwater and their concentrations only slightly exceed their respective MSCs. After 5 years of groundwater monitoring, a formal site review would be performed to verify the effectiveness of naturally occurring processes. If, at that time, it is determined that these processes are not sufficient to restore groundwater quality or if the contaminant plumes are shown to be migrating, a more active corrective action such as Alternative 3, would be considered. Although the effectiveness and cost of Alternative 3 is comparable, Alternative 2 would be simpler to implement and have a significantly lower capital cost. If naturally occurring processes continue to occur, Alternative 2 will likely reach its remediation goals prior to the 30 years used in the cost analysis. A more reasonable remediation time frame for Alternative 2 is estimated to be 15 years.

**TABLE 6-1**
**COSTS FOR GROUNDWATER ALTERNATIVES**
**AOC C CORRECTIVE MEASURES STUDY**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Alternative | Capital Costs | O&M Costs | Monitoring Costs | Total Present Worth Costs[1] |
|---|---|---|---|---|
| 1 | $0 | $0 | $0 | $0 |
| 2 | $18,000 | $0 | Year 1 -- $24,000<br>Years 2-5 -- $14,000/year<br>Years 6-30 $10,000/year | $263,000 |
| 3 | $128,000 | $0 | Year 1 -- $81,000<br>Years 2-3 -- $41,000<br>Year 4 -- $26,000<br>Years 5 -- $38,000 | $319,000 |

Notes:
[1] Includes cost for 5-year site reviews

# REFERENCES

ABB-ES (ABB Environmental Services, Inc.), 1994. *Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan Addendum 5.* Prepared for Southern Division, Naval Facilities Engineering Command (NAVFAC EFD SOUTH), North Charleston, South Carolina.

ABB-ES, 1995a. *RCRA Facility Investigation (RFI) General Information Report (GIR) for Naval Station Mayport, Florida.*

ABB-ES, February 1995b. *Corrective Measures Study Work Plan, Naval Station Mayport, Mayport, Florida.* Prepared for NAVFAC EFD SOUTH, North Charleston, South Carolina.

ABB-ES, 1996. *The Solid Waste Management Unit Assessment Report for Tetrachloroethene Release near Building 191, Naval Station Mayport, Florida.* Prepared for NAVFAC EFD SOUTH, North Charleston, South Carolina. March.

A. T. Kearny, 1989. *RCRA Facility Assessment of the Naval Station Mayport, Jacksonville, Florida.* September.

C.E. Environmental, 1989. final-Draft Workplan, Naval Station Mayport, Florida.

ESE (Environmental Science and Engineering, Inc.), 1994. *Contamination Assessment Report for Naval Station Mayport Building 191, Naval Station Mayport, Jacksonville, Florida.* Prepared for Naval Public Works Center, Jacksonville, Florida, August.

FDEP (Florida Department of Environmental Protection), 2000. *Technical Report for the Development of Soil Cleanup Target Levels, FAC 62-777,* Saranko et all, Gainesville, FL

FDEP, 2004. *Soil Cleanup Target Levels,* Bureau of Waste Management, Tallahassee, Florida, April.

HLA (Harding Lawson Associates), 1999. Technical Memorandum, Groundwater Assessment of Tetrachloroethene Release Near Building 191, Naval Station Mayport, Florida.

ICON (ICON Environmental Services, Inc.), 1998. *Final Contamination Assessment Report, Additional Sampling Using Innovative Technology/Methodology at SWMU 15 and Building 191 Area, Naval Station Mayport, Florida.*

## REFERENCES (CONTINUED)

TtNUS (Tetra Tech NUS, Inc.), 1999a. *The Confirmation Assessment Letter Report for AOC C, Naval Station Mayport, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina.

TtNUS, 1999b. *RFI Work Plan.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina.

TtNUS, 2000. *Recalculation of Media Background Screening Values Memorandum.*

TtNUS, 2003. RCRA Facility Investigation *(RFI) for Area of Concern C, Naval Station Mayport, Mayport, Florida.* August.

USEPA (United States Environmental Protection Agency), 1989. *Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual (Part A, B, and C) EPA/540/1-89/002, Office of Emergency and Remedial Response, Washington, D.C.*

USEPA, 1991. *Ecological Assessment of Superfund Sites: an overview, ECO Update: Office of Solid Waste and Emergency Response, Office of Emergency and Remedial Response, Hazardous Site Evaluation Division (OS-230), Intermittent Bulletin, Vol. 1, No. 2, Publication 9345.0-05I.* December

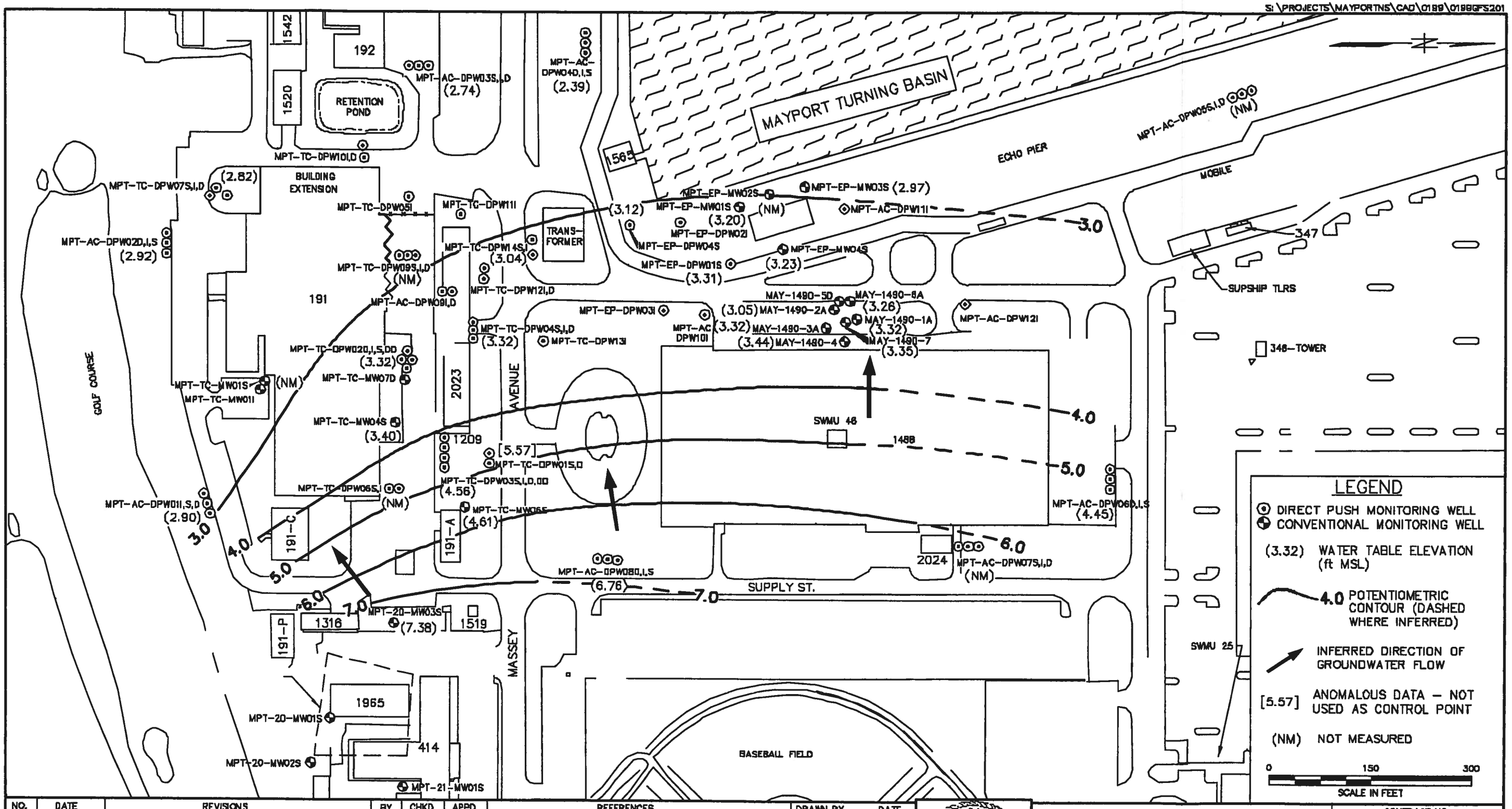
USEPA, 1994. *RCRA Corrective Action Plan. OSWER Directive 9902.3-2A.*

USEPA, 1995. *Supplemental Guidance to Risk Assessment Guidance for Superfund: Region 4 Bulletins, Human Health Risk Assessment, Waste Management Division, Atlanta, GA.*

# APPENDIX A

# HISTORICAL INFORMATION

S:\PROJECTS\MAYPORTNS\CAD\0199\0199GFS201




| NO. | DATE | REVISIONS | BY | CHKD | APPD |
|---|---|---|---|---|---|
| | | | | | |

REFERENCES
National Geodetic Vertical Datum

DRAWN BY LLK DATE 10/19/99
CHECKED BY DATE
COST/SCHED–AREA
SCALE AS NOTED

POTENTIOMETRIC SURFACE MAP
SHALLOW AQUIFER ZONE (0–20 ft bls)
FEBRUARY 26, 2001
AREA OF CONCERN "C"
U.S. NAVAL STATION
MAYPORT, FLORIDA

CONTRACT NO. 0199
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 2–1
REV. 0

FORM CADD NO. SOIV_SH.DWG – REV D – 1/20/98

S:\PROJECTS\MAYPORT NS\CAD\0199\0199GFI201

MAYPORT TURNING BASIN
ECHO PIER
MOBILE
GOLF COURSE
AVENUE
MASSEY
SUPPLY ST.
BUILDING EXTENSION
RETENTION POND
TRANS-FORMER
SUPSHIP TLRS
348-TOWER
SWMU 25
SWMU 46
SWMU 20,21
BASEBALL FIELD
1542
1520
2023
2024
1209
1488
1316
1519
1965
414
191-C
191-A
191-P
192
191
MPT-AC-DPW04D,I,S (2.23)
MPT-AC-DPW03S,I,D (2.81)
MPT-TC-DPW10I,D (1.92)
MPT-TC-DPW07S,I,D (1.83)
MPT-TC-DPW05I (2.98)
MPT-TC-DPW11I (2.98)
MPT-AC-DPW02D,I,S (2.92)
MPT-TC-DPW09S,I,D (NM)
MPT-AC-DPW09I,D [3.57]
MPT-TC-DPW14S,I (3.06)
MPT-TC-DPW12I,D (3.15)
MPT-TC-DPW04S,I,D (3.29)
MPT-TC-DPW13I [4.48]
MPT-EP-DPW03I (NM)
MPT-AC DPW10I (3.40)
MPT-TC-DPW02D,I,S,DD (3.29)
MPT-TC-MW07D
MPT-TC-MW01S
MPT-TC-MW01I
MPT-TC-MW04S
MPT-TC-DPW01S,D (3.49)
MPT-TC-DPW03S,I,D,DD
MPT-TC-DPW06S,I (NM)
MPT-TC-MW06S
MPT-AC-DPW01I,S,D (3.51)
MPT-EP-01
MPT-EP-02
MPT-EP-03
MPT-EP-04
MPT-EP-DPW02I (3.79)
MPT-EP-DPW04S
MPT-EP-DPW01S
MPT-AC-DPW11I (3.71)
MAY-1490-5D (3.32)
MAY-1490-6A
MAY-1490-2A
MAY-1490-1A
MAY-1490-3A
MAY-1490-4
MAY-1490-7
MPT-AC-DPW12I (3.31)
MPT-AC-DPW05S,I,D (NM)
MPT-AC-DPW06D,I,S (3.76)
MPT-AC-DPW07S,I,D (NM)
MPT-AC-DPW08D,I,S (3.61)
MPT-20-MW03S
MPT-20-MW01S
MPT-20-MW02S
MPT-21-MW01S
3.0
2.5
2.0
3.5

## LEGEND

- DIRECT PUSH MONITORING WELL
- CONVENTIONAL MONITORING WELL
- (3.29) WATER TABLE ELEVATION (FT MSL)
- 6.0 POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUNDWATER FLOW
- [5.73] ANOMALOUS DATA – NOT USED AS CONTROL POINT

0 150 300
SCALE IN FEET

| NO. | DATE | REVISIONS | BY | CHKD | APPD |
|---|---|---|---|---|---|
| | | | | | |

REFERENCES: National Geodetic Vertical Datum

DRAWN BY LLK DATE 10/21/01
CHECKED BY DATE
COST/SCHED–AREA
SCALE AS NOTED

POTENTIOMETRIC SURFACE MAP
INTERMEDIATE AQUIFER ZONE (20–35 ft bls)
FEBRUARY 26, 2001
AREA OF CONCERN "C"
U.S. NAVAL STATION
MAYPORT, FLORIDA

CONTRACT NO. 0199
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 2–2
REV. 0

FORM CADD NO. SOIV_SH.DWG – REV 0 – 1/20/98

S:\PROJECTS\MAYPORT NS\CAD\0199\0199GFD201

MAYPORT TURNING BASIN

ECHO PIER

MOBILE

MPT-AC-DPW05S,I,D (NM)

MPT-AC-DPW04D,I,S (2.93)

MPT-AC-DPW03S,I,D (3.16)

RETENTION POND

MPT-TC-DPW10I,D (2.78)

BUILDING EXTENSION

MPT-TC-DPW07S,I,D (2.18)

MPT-TC-DPW05I

MPT-TC-DPW11I

MPT-AC-DPW02D,I,S (3.26)

TRANS-FORMER

MPT-TC-DPW14S,I

MPT-TC-DPW09S,I,D (NM)

[3.81]

MPT-TC-DPW12I,D

MPT-AC-DPW09I,D (3.19)

MPT-TC-DPW04S,I,D (3.30)

MPT-EP-DPW03I

MPT-AC DPW10I

MPT-TC-DPW13I

MPT-TC-DPW02D,I,S,DD (3.22)

[2.91]

MPT-TC-MW07D (3.29)

MPT-TC-MW01S

MPT-TC-MW01I

MPT-TC-MW04S

(3.50)

[3.30]

1209

(3.55)

MPT-TC-DPW01S,D

MPT-TC-DPW03S,I,D,DD

MPT-TC-DPW06S

MPT-TC-MW06S

MPT-AC-DPW01I,S,D (4.53)

MPT-EP-02

MPT-EP-03

MPT-EP-01

MPT-AC-DPW11I

MPT-EP-DPW02I

MPT-EP-DPW04S

MPT-EP-04

MPT-EP-DPW01S

MAY-1490-5D

MAY-1490-6A

MAY-1490-2A

MAY-1490-1A

MAY-1490-3A

MAY-1490-7

MAY-1490-4

MPT-AC-DPW12I

SWMU 45

1488

MPT-AC-DPW06D,I,S (3.64)

MPT-AC-DPW08D,I,S (3.42)

2024

MPT-AC-DPW07S,I,D (NM)

SUPPLY ST.

SWMU 25

347

SUPSHIP TLRS

346-TOWER

1542

1520

1565

192

191

191-C

191-A

191-P

2023

1316

MPT-20-MW03S

1519

SWMU 20,21

1965

MPT-20-MW01S

414

MPT-20-MW02S

MPT-21-MW01S

BASEBALL FIELD

GOLF COURSE

MASSEY AVENUE

2.5

3.0

3.5

4.0

4.5

## LEGEND

- DIRECT PUSH MONITORING WELL
- CONVENTIONAL MONITORING WELL
- (3.64) WATER TABLE ELEVATION (FT MSL)
- 4.0 POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUNDWATER FLOW
- [3.81] ANOMALOUS DATA OR DATA FROM DEEPER AQUIFER ZONE ("DD") – NOT USED AS CONTROL POINT
- (NM) NOT MEASURED

0 150 300
SCALE IN FEET

| NO. | DATE | REVISIONS | BY | CHKD | APPD |
|---|---|---|---|---|---|
| | | | | | |

REFERENCES: National Geodetic Vertical Datum (NGVD)

DRAWN BY LLK DATE 3/21/01
CHECKED BY DATE
COST/SCHED–AREA
SCALE AS NOTED

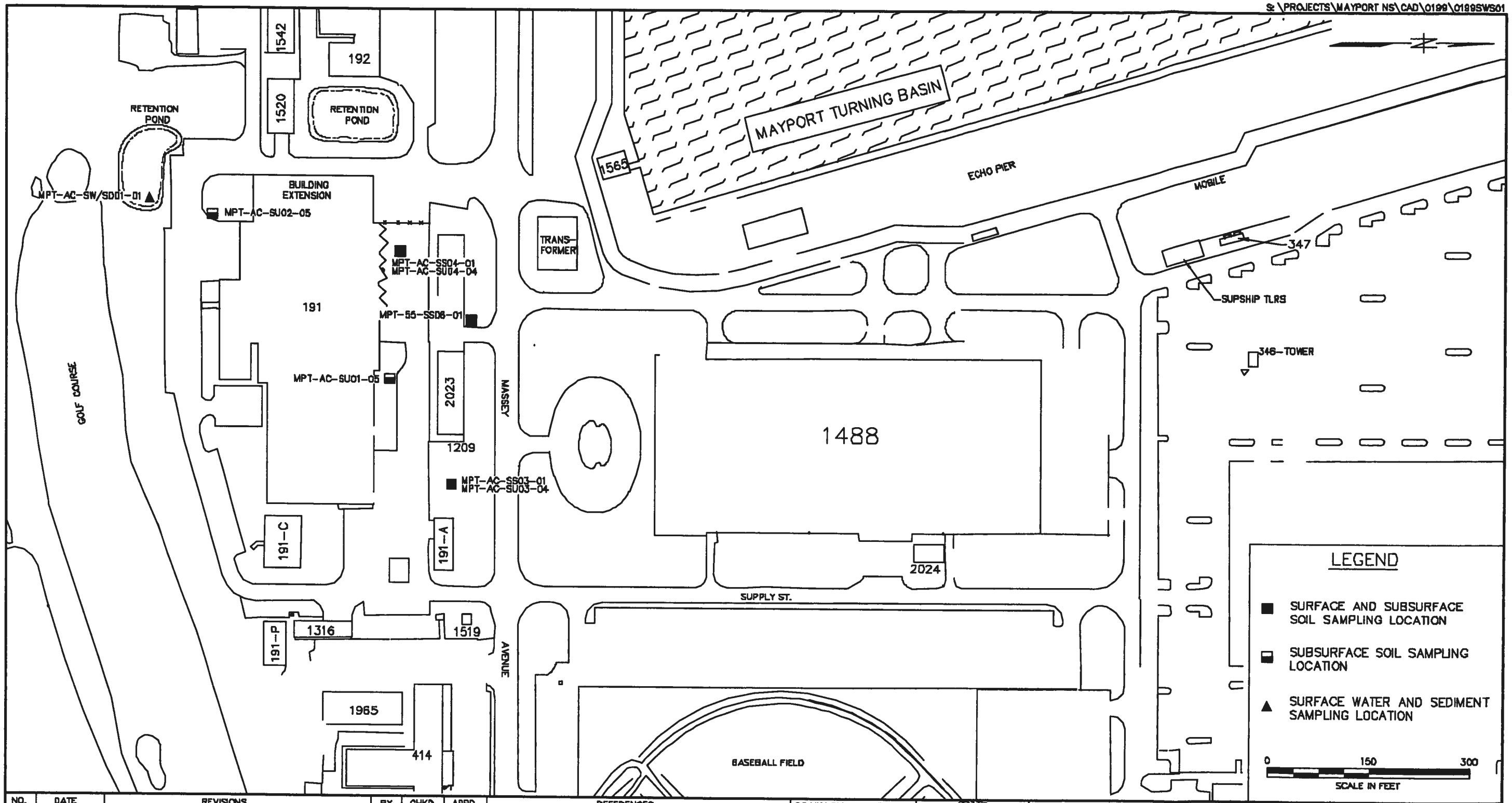
DEPARTMENT OF THE NAVY – NAVAL FACILITIES ENGINEERING COMMAND – SOUTHERN DIVISION

POTENTIOMETRIC SURFACE MAP
DEEP AQUIFER ZONE (35–50 ft bls)
FEBRUARY 26, 2001
AREA OF CONCERN "C"
U.S. NAVAL STATION
MAYPORT, FLORIDA

CONTRACT NO. 0199
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 2–3
REV. 0

FORM CADD NO. SDIV_BH.DWG – REV 0 – 1/20/98

S:\PROJECTS\MAYPORT NS\CAD\0199\0199SW501




| NO. | DATE | REVISIONS | BY | CHKD | APPD | REFERENCES |
|---|---|---|---|---|---|---|
| | | | | | | |

DRAWN BY LLK DATE 5/17/01
CHECKED BY DATE
COST/SCHED-AREA
SCALE AS NOTED

SURFACE WATER, SEDIMENT, SURFACE SOIL AND SUBSURFACE SOIL SAMPLING LOCATIONS
AREA OF CONCERN "C"
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

CONTRACT NO. 0199
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 4-1
REV. 0

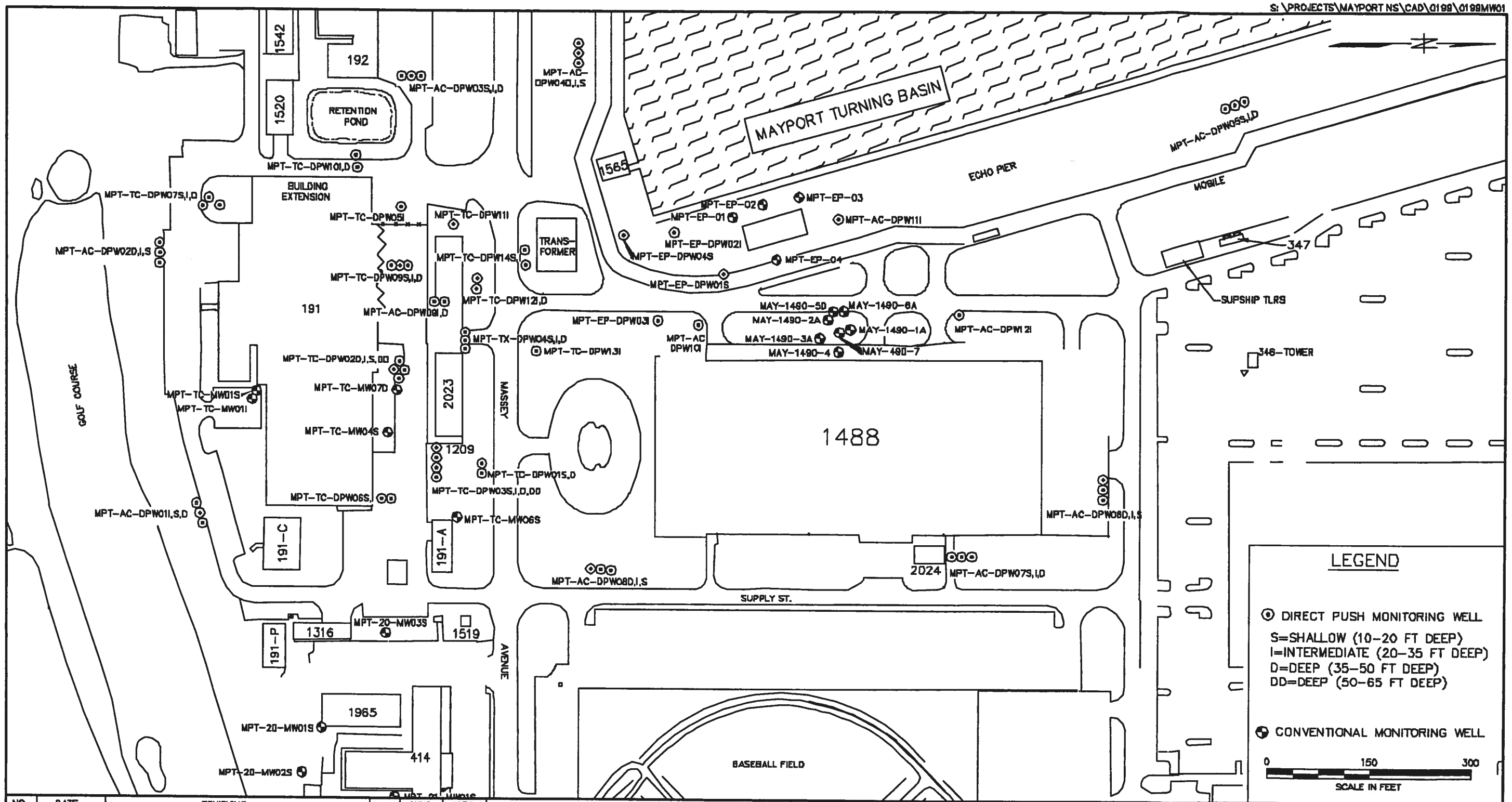
FORM CADD NO. SOIV_BH.DWG - REV 0 - 1/20/98

03JAX0183



CTO 00094

S:\PROJECTS\MAYPORT NS\CAD\0199\0199MW01




## LEGEND

- DIRECT PUSH MONITORING WELL
  - S=SHALLOW (10–20 FT DEEP)
  - I=INTERMEDIATE (20–35 FT DEEP)
  - D=DEEP (35–50 FT DEEP)
  - DD=DEEP (50–65 FT DEEP)
- CONVENTIONAL MONITORING WELL

0 150 300
SCALE IN FEET

| NO. | DATE | REVISIONS | BY | CHKD | APPD | REFERENCES |
|---|---|---|---|---|---|---|
| | | | | | | |

DRAWN BY CW DATE 10/2/00
CHECKED BY DATE
COST/SCHED–AREA
SCALE AS NOTED

MONITORING WELL LOCATIONS
AREA OF CONCERN "C"
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

CONTRACT NO. 0199
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 4–2
REV. 0

FORM CADD NO. SOIV_SH.DWG – REV 0 – 1/20/98

# APPENDIX B

# CMS DATA SET

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
MPT-TC-DPW07D

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877

Lab Code: ACCURA
SAS NO. :

Case No. : 7458
SDG NO. :

Matrix (soil/water): WATER
Lab Sample Id: 7458-001

Sample wt/vol: 25.00 (g/mL) ML
Lab File ID: J011405\J15020

Level (low/med): LOW
Date Received: 01/07/05

% Moisture: not dec.
Date Analyzed: 01/14/05

GC Column: ZB-624 ID: .25 (mm)
Dilution Factor: 1.0

Soil Extract Volume (μ L)
Soil Aliquot Volume: (μ L)

CONCENTRATION UNITS (ug/L or ug/Kg) ug/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 75-35-4 | 1,1-Dichloroethene | 1.5 | |

OK

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
MPT-TC-DPW02D

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877

Lab Code: ACCURA
SAS NO. :

Case No. : 7458
SDG NO. :

Matrix (soil/water): WATER
Lab Sample Id: 7458-003

Sample wt/vol: 25.00 (g/mL) ML
Lab File ID: J011405\J15021

Level (low/med): LOW
Date Received: 01/07/05

% Moisture: not dec. _____
Date Analyzed: 01/14/05

GC Column: ZB-624 ID: .25 (mm)
Dilution Factor: 1.0

Soil Extract Volume _____ (µ L)
Soil Aliquot Volume: _____ (µ L)

CONCENTRATION UNITS (ug/L or ug/Kg) ug/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 75-35-4 | 1,1-Dichloroethene | 0.50 | I |
| 540-59-0 | 1,2-Dichloroethene (total) | 22 | |
| 79-01-6 | Trichloroethene | 1.5 | |
| 75-01-4 | Vinyl Chloride | 1.0 | U |

OK

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MPT-TC-DPW09I

Lab Name: ACCURA ANALYTICAL LAB

Contract: CTO #0194 / N2877

Lab Code: ACCURA

SAS NO. :

Case No. : 7458

SDG NO. :

Matrix (soil/water): WATER

Lab Sample Id: 7458-004

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: J011405U15022

Level (low/med): LOW

Date Received: 01/07/05

% Moisture: not dec.

Date Analyzed: 01/14/05

GC Column: ZB-624 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume (μ L)

Soil Aliquot Volume: (μ L)

CONCENTRATION UNITS (ug/L or ug/Kg) ug/L

| CAS NO. | COMPOUND | | | Q |
|---|---|---|---|---|
| 75-35-4 | 1,1-Dichloroethene | 7 | 14 | |
| 540-59-0 | 1,2-Dichloroethene (total) | 63 | 56 | |
| 79-01-6 | Trichloroethene | 3 | 0.35 | I |
| 75-01-4 | Vinyl Chloride | 1 | 1.0 | U |

= Exceeds

OK

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
MPT-TC-DPW051

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877

Lab Code: ACCURA
SAS NO. :

Case No. : 7458
SDG NO. :

Matrix (soil/water): WATER
Lab Sample Id: 7458-005

Sample wt/vol: 25.00 (g/mL) ML
Lab File ID: J011405\J15026

Level (low/med): LOW
Date Received: 01/07/05

% Moisture: not dec.
Date Analyzed: 01/14/05

GC Column: ZB-624 ID: .25 (mm)
Dilution Factor: 1.0

Soil Extract Volume (μ L)
Soil Aliquot Volume: (μ L)

CONCENTRATION UNITS (ug/L or ug/Kg) ug/L

| CAS NO. | COMPOUND | | | Q |
|---|---|---|---|---|
| 75-35-4 | 1,1-Dichloroethene | 7 | 0.60 | I |
| 540-59-0 | 1,2-Dichloroethene (total) | 63 | 51 | |
| 79-01-6 | Trichloroethene | 3 | 1.7 | |
| 75-01-4 | Vinyl Chloride | 1 | 1.0 | U |

OK

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
MPT-EP-DPW02I

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877

Lab Code: ACCURA
SAS NO. :

Case No. : 7458
SDG NO. :

Matrix (soil/water): WATER
Lab Sample Id: 7458-006

Sample wt/vol: 25.00 (g/mL) ML
Lab File ID: J011405\J15024

Level (low/med): LOW
Date Received: 01/07/05

% Moisture: not dec.
Date Analyzed: 01/14/05

GC Column: ZB-624 ID: .25 (mm)
Dilution Factor: 1.0

Soil Extract Volume (μ L)
Soil Aliquot Volume: (μ L)

CONCENTRATION UNITS (ug/L or ug/Kg) ug/L

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 75-01-4 | Vinyl Chloride | 2.2 | |

Exceedance

USEPA - CLP

1A- IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MPT-AC-DPW01D

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877
Lab Code: ACCURA Case No.: 7458
NRAS No.
DG No.: 7458
Matrix (soil/water): WATER
Lab Sample ID: 7458-002
Level (low/med): LOW
Date Received: 01/07/2005
% Solids:

Concentration Units (ug/ L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 199 | V | | P |

200 OK

Color Before
Clarity Before
Texture:
Color After:
Clarity After:
Artifacts:
Comments:

USEPA - CLP

1A- IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
TSC00101

Lab Name: ACCURA ANALYTICAL LAB
Contract: CTO #0194 / N2877
Lab Code: ACCURA Case No.: 7458
NRAS No.
DG No.: 7458
Matrix (soil/water): SOIL
Lab Sample ID: 7458-009
Level (low/med): LOW
Date Received: 01/07/2005
% Solids: 86

Concentration Units (ug/ L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 0.29 | | | |
| 7440-39-3 | Barium | 2.9 | | | |

OK

Color Before _____ Clarity Before _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____
Comments: _____

1C

SEMIVOLATILE ORGANICS ANALYSES DATA SHEET

EPA SAMPLE NO.

TSC00101

Lab Name : ACCURA ANALYTICAL LAB | Contract: CTO #0194 / N2877

Lab Code : ACCURA | Case No.: 7458 | SAS No. | SDG No.: N/A

Matrix : (soil/water) SOIL | Lab Sample Id: 7458-009

Sample wt/vol: 30.01 | (g/ml): ML | Lab File ID: 1B011705\B47491

Level : (low/med) LOW | Date Received: 01/07/05

% Moisture: 14 | Decanted: (Y/N) N | Date Extracted: 01/14/05

Concentrated Extract Volume: 1000 (µ L | Date Analyzed: 01/17/05

Injection Volume: 1.0 (µ L | Dilution Factor: 1.0

GPC Cleanup (Y/N): N | pH: N/A | Extraction : (Type) SW3545

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg | Q |
|---|---|---|---|
| 56-55-3 | Benzo(a)anthracene | 39 | U |
| 50-32-8 | Benzo(a)pyrene | 39 | U |
| 205-99-2 | Benzo(b)fluoranthene | 39 | U |

OK

1 E

PESTICIDE ORGANICS ANALYSES DATA SHEET

EPA SAMPLE NO.

TSC00101

Lab Name : ACCURA ANALYTICAL LAB. Contract: CTO #0194 / N2877

Lab Code : ACCURA Case No.: 7458 SAS No. SMP SDG No.: N/A

Matrix : SOIL Lab Sample Id: 7458-009

Sample wt/vol: 30.02 (g/ml): G Lab File ID: 011905\D5011905

% Moisture: 14 Decanted: (Y/N) _____ Date Received: 01/07/05

Extraction : (Type) SW3545 Date Extracted: 01/19/05

Concentrated Extract Volume: 2500 (μ L) Date Analyzed: 01/19/05

Injection Volume: _____ (μ L) Dilution Factor: 1.0

GPC Cleanup (Y/N): _____ pH: _____ Sulfur Cleanup (Y/N): _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg

| | | | |
|---|---|---|---|
| 11096-82-5 | Aroclor-1260 | 2.5 | U |

OK

1 E

PESTICIDE ORGANICS ANALYSES DATA SHEET

EPA SAMPLE NO.

TSC00401

Lab Name : ACCURA ANALYTICAL LAB. Contract: CTO #0194 / N2877

Lab Code : ACCURA Case No.: 7458 SAS No. SMP SDG No.: N/A

Matrix : SOIL Lab Sample Id: 7458-010

Sample wt/vol: 30.05 (g/ml): G Lab File ID: 011905\D5011908

% Moisture: 28 Decanted: (Y/N) _____ Date Received: 01/07/05

Extraction : (Type) SW3545 Date Extracted: 01/19/05

Concentrated Extract Volume: 2500 (µ L) Date Analyzed: 01/19/05

Injection Volume: _____ (µ L) Dilution Factor: 1.0

GPC Cleanup (Y/N): _____ pH: _____ Sulfur Cleanup (Y/N): _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg

| | | | |
|---|---|---|---|
| 11096-82-5 | Aroclor-1260 | 2.9 | U |

OK

1 E

PESTICIDE ORGANICS ANALYSES DATA SHEET

EPA SAMPLE NO.

TSC00401

Lab Name : ACCURA ANALYTICAL LAB. Contract: CTO #0194 / N2877

Lab Code : ACCURA Case No.: 7458 SAS No. SMP SDG No.: N/A

Matrix : SOIL Lab Sample Id: 7458-010

Sample wt/vol: 30.05 (g/ml): G Lab File ID: 011705\E5011715

% Moisture: 28 Decanted: (Y/N) _____ Date Received: 01/07/05

Extraction : (Type) SW3545 Date Extracted: 01/14/05

Concentrated Extract Volume: 10000 (µ L) Date Analyzed: 01/17/05

Injection Volume: 2 (µ L) Dilution Factor: 1.0

GPC Cleanup (Y/N): _____ pH: _____ Sulfur Cleanup (Y/N): _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg

| | | | |
|---|---|---|---|
| 1024-57-3 | Heptachlor Epoxide | 2.31 | U |

OK

aoc c (sample set mod)
3/7/20078:56 AM
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_001 | c_002 | c_003 | c_004 | c_005 | c_006 | c_007 | c_008 | c_009 |
| **Volatile Organics (ug/L)** | | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | | | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | | | | | | | | | |
| 1,1-DICHLOROETHANE | | | | | | | | | |
| 1,1-DICHLOROETHENE | | | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | | | |
| 1,2-DIBROMO-3-CHLOROPROPANE | | | | | | | | | |
| 1,2-DIBROMOETHANE | | | | | | | | | |
| 1,2-DICHLOROETHANE | | | | | | | | | |
| 1,2-DICHLOROPROPANE | | | | | | | | | |
| 2-BUTANONE | | | | | | | | | |
| 2-CHLOROETHYL VINYL ETHER | | | | | | | | | |
| 2-HEXANONE | | | | | | | | | |
| 3-CHLOROPROPENE | | | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | | | |
| ACETONE | | | | | | | | | |
| ACETONITRILE | | | | | | | | | |
| ACROLEIN | | | | | | | | | |
| ACRYLONITRILE | | | | | | | | | |
| BENZENE | | | | | | | | | |
| BROMODICHLOROMETHANE | | | | | | | | | |
| BROMOFORM | | | | | | | | | |
| BROMOMETHANE | | | | | | | | | |
| CARBON DISULFIDE | | | | | | | | | |
| CARBON TETRACHLORIDE | | | | | | | | | |
| CHLOROBENZENE | | | | | | | | | |
| CHLORODIBROMOMETHANE | | | | | | | | | |
| CHLOROETHANE | | | | | | | | | |
| CHLOROFORM | | | | | | | | | |
| CHLOROMETHANE | | | | | | | | | |
| CHLOROPRENE | | | | | | | | | |
| CIS-1,2-DICHLOROETHENE | | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | | | | | | | | | |
| DIBROMOMETHANE | | | | | | | | | |
| DICHLORODIFLUOROMETHANE | | | | | | | | | |
| ETHYL METHACRYLATE | | | | | | | | | |
| ETHYLBENZENE | | | | | | | | | |
| ISOBUTANOL | | | | | | | | | |
| METHACRYLONITRILE | | | | | | | | | |
| METHANE | | | | | | | | | |
| METHYL IODIDE | | | | | | | | | |
| METHYL METHACRYLATE | | | | | | | | | |
| METHYL TERT-BUTYL ETHER | | | | | | | | | |
| METHYLENE CHLORIDE | | | | | | | | | |
| PROPIONITRILE | | | | | | | | | |
| STYRENE | | | | | | | | | |
| TETRACHLOROETHENE | | | | | | | | | |
| TOLUENE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_sep[illegible]mayport\upload

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| TOTAL 1,2-DICHLOROETHENE | | | | | | | | | |
| TOTAL XYLENES | | | | | | | | | |
| TRANS-1,2-DICHLOROETHENE | | | | | | | | | |
| TRANS-1,3-DICHLOROPROPENE | | | | | | | | | |
| TRANS-1.4-DICHLORO-2-BUTENE | | | | | | | | | |
| TRICHLOROETHENE | | | | | | | | | |
| TRICHLOROFLUOROMETHANE | | | | | | | | | |
| VINYL ACETATE | | | | | | | | | |
| VINYL CHLORIDE | | | | | | | | | |
| **Semivolatile Organics (ug/L)** | | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | | | | | | | | | |
| 1,2,4-TRICHLOROBENZENE | | | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | |
| 1,3-DICHLOROBENZENE | | | | | | | | | |
| 1,3-DINITROBENZENE | | | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | | | |
| 1,4-DIOXANE | | | | | | | | | |
| 1,4-NAPHTHOQUINONE | | | | | | | | | |
| 1,4-PHENYLENEDIAMINE | | | | | | | | | |
| 1-NAPHTHYLAMINE | | | | | | | | | |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | | | | | | | | | |
| 2,3,4,6-TETRACHLOROPHENOL | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | | | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | | | | | | | | | |
| 2,4-DICHLOROPHENOL | | | | | | | | | |
| 2,4-DIMETHYLPHENOL | | | | | | | | | |
| 2,4-DINITROPHENOL | | | | | | | | | |
| 2,4-DINITROTOLUENE | | | | | | | | | |
| 2,6-DICHLOROPHENOL | | | | | | | | | |
| 2,6-DINITROTOLUENE | | | | | | | | | |
| 2-ACETYLAMINOFLUORENE | | | | | | | | | |
| 2-CHLORONAPHTHALENE | | | | | | | | | |
| 2-CHLOROPHENOL | | | | | | | | | |
| 2-METHYLNAPHTHALENE | | | | | | | | | |
| 2-METHYLPHENOL | | | | | | | | | |
| 2-NAPHTHYLAMINE | | | | | | | | | |
| 2-NITROANILINE | | | | | | | | | |
| 2-NITROPHENOL | | | | | | | | | |
| 2-PICOLINE | | | | | | | | | |
| 3,3'-DICHLOROBENZIDINE | | | | | | | | | |
| 3,3'-DIMETHYLBENZIDINE | | | | | | | | | |
| 3-METHYLCHOLANTHRENE | | | | | | | | | |
| 3-METHYLPHENOL | | | | | | | | | |
| 3-NITROANILINE | | | | | | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | | | | | | | | | |
| 4-AMINOBIPHENYL | | | | | | | | | |
| 4-BROMOPHENYL PHENYL ETHER | | | | | | | | | |
| 4-CHLORO-3-METHYLPHENOL | | | | | | | | | |
| 4-CHLOROANILINE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

aoc c (sample set mod)
3/7/20078:56 AM
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_001 | c_002 | c_003 | c_004 | c_005 | c_006 | c_007 | c_008 | c_009 |
| 4-CHLOROPHENYL PHENYL ETHER | | | | | | | | | |
| 4-METHYLPHENOL | | | | | | | | | |
| 4-NITROANILINE | | | | | | | | | |
| 4-NITROPHENOL | | | | | | | | | |
| 4-NITROQUINOLINE-1-OXIDE | | | | | | | | | |
| 5-NITRO-O-TOLUIDINE | | | | | | | | | |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | | | | | | | | | |
| A,A-DIMETHYLPHENETHYLAMINE | | | | | | | | | |
| ACENAPHTHENE | | | | | | | | | |
| ACENAPHTHYLENE | | | | | | | | | |
| ACETOPHENONE | | | | | | | | | |
| ANILINE | | | | | | | | | |
| ANTHRACENE | | | | | | | | | |
| ARAMITE | | | | | | | | | |
| BENZO(A)ANTHRACENE | | | | | | | | | |
| BENZO(A)PYRENE | | | | | | | | | |
| BENZO(B)FLUORANTHENE | | | | | | | | | |
| BENZO(G,H,I)PERYLENE | | | | | | | | | |
| BENZO(K)FLUORANTHENE | | | | | | | | | |
| BENZYL ALCOHOL | | | | | | | | | |
| BIS(2-CHLOROETHOXY)METHANE | | | | | | | | | |
| BIS(2-CHLOROETHYL)ETHER | | | | | | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | | | | | | | | | |
| BUTYL BENZYL PHTHALATE | | | | | | | | | |
| CARBAZOLE | | | | | | | | | |
| CHLOROBENZILATE | | | | | | | | | |
| CHRYSENE | | | | | | | | | |
| DI-N-BUTYL PHTHALATE | | | | | | | | | |
| DI-N-OCTYL PHTHALATE | | | | | | | | | |
| DIALLATE | | | | | | | | | |
| DIBENZO(A,H)ANTHRACENE | | | | | | | | | |
| DIBENZOFURAN | | | | | | | | | |
| DIETHYL PHTHALATE | | | | | | | | | |
| DIMETHYL PHTHALATE | | | | | | | | | |
| DINOSEB | | | | | | | | | |
| DIPHENYLAMINE | | | | | | | | | |
| ETHYL METHANE SULFONATE | | | | | | | | | |
| ETHYL PARATHION | | | | | | | | | |
| FLUORANTHENE | | | | | | | | | |
| FLUORENE | | | | | | | | | |
| HEXACHLOROBENZENE | | | | | | | | | |
| HEXACHLOROBUTADIENE | | | | | | | | | |
| HEXACHLOROCYCLOPENTADIENE | | | | | | | | | |
| HEXACHLOROETHANE | | | | | | | | | |
| HEXACHLOROPROPENE | | | | | | | | | |
| INDENO(1,2,3-CD)PYRENE | | | | | | | | | |
| ISODRIN | | | | | | | | | |
| ISOPHORONE | | | | | | | | | |
| ISOSAFROLE | | | | | | | | | |
| METHAPYRILENE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_servedmayport\upload

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| METHYL METHANE SULFONATE | | | | | | | | | |
| N-NITROSO-DI-N-BUTYLAMINE | | | | | | | | | |
| N-NITROSO-DI-N-PROPYLAMINE | | | | | | | | | |
| N-NITROSODIETHYLAMINE | | | | | | | | | |
| N-NITROSODIMETHYLAMINE | | | | | | | | | |
| N-NITROSODIPHENYLAMINE | | | | | | | | | |
| N-NITROSOMETHYLETHYLAMINE | | | | | | | | | |
| N-NITROSOMORPHOLINE | | | | | | | | | |
| N-NITROSOPIPERIDINE | | | | | | | | | |
| N-NITROSOPYRROLIDINE | | | | | | | | | |
| NAPHTHALENE | | | | | | | | | |
| NITROBENZENE | | | | | | | | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | | | | | | | |
| O-TOLUIDINE | | | | | | | | | |
| P-(DIMETHYLAMINO)AZOBENZENE | | | | | | | | | |
| PENTACHLOROBENZENE | | | | | | | | | |
| PENTACHLOROETHANE | | | | | | | | | |
| PENTACHLORONITROBENZENE | | | | | | | | | |
| PENTACHLOROPHENOL | | | | | | | | | |
| PHENACETIN | | | | | | | | | |
| PHENANTHRENE | | | | | | | | | |
| PHENOL | | | | | | | | | |
| PRONAMIDE | | | | | | | | | |
| PYRENE | | | | | | | | | |
| PYRIDINE | | | | | | | | | |
| SAFROLE | | | | | | | | | |
| SULFOTEPP | | | | | | | | | |
| THIONAZIN | | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | | |
| 4,4'-DDD | | | | | | | | | |
| 4,4'-DDE | | | | | | | | | |
| 4,4'-DDT | | | | | | | | | |
| ALDRIN | | | | | | | | | |
| ALPHA-BHC | | | | | | | | | |
| ALPHA-CHLORDANE | | | | | | | | | |
| AROCLOR-1016 | | | | | | | | | |
| AROCLOR-1221 | | | | | | | | | |
| AROCLOR-1232 | | | | | | | | | |
| AROCLOR-1242 | | | | | | | | | |
| AROCLOR-1248 | | | | | | | | | |
| AROCLOR-1254 | | | | | | | | | |
| AROCLOR-1260 | | | | | | | | | |
| BETA-BHC | | | | | | | | | |
| DELTA-BHC | | | | | | | | | |
| DIELDRIN | | | | | | | | | |
| ENDOSULFAN I | | | | | | | | | |
| ENDOSULFAN II | | | | | | | | | |
| ENDOSULFAN SULFATE | | | | | | | | | |
| ENDRIN | | | | | | | | | |
| ENDRIN ALDEHYDE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| ENDRIN KETONE | | | | | | | | | |
| GAMMA-BHC (LINDANE) | | | | | | | | | |
| GAMMA-CHLORDANE | | | | | | | | | |
| HEPTACHLOR | | | | | | | | | |
| HEPTACHLOR EPOXIDE | | | | | | | | | |
| ISODRIN | | | | | | | | | |
| KEPONE | | | | | | | | | |
| METHOXYCHLOR | | | | | | | | | |
| SULFOTEPP | | | | | | | | | |
| TOXAPHENE | | | | | | | | | |
| **OrganoPhPesticides (ug/L)** | | | | | | | | | |
| DIMETHOATE | | | | | | | | | |
| DISULFOTON | | | | | | | | | |
| FAMPHUR | | | | | | | | | |
| METHYL PARATHION | | | | | | | | | |
| PHORATE | | | | | | | | | |
| THIONAZIN | | | | | | | | | |
| **Herbicides (ug/L)** | | | | | | | | | |
| 2,4,5-T | | | | | | | | | |
| 2,4,5-TP (SILVEX) | | | | | | | | | |
| 2,4-D | | | | | | | | | |
| DINOSEB | | | | | | | | | |
| **Inorganics (ug/L)** | | | | | | | | | |
| ALUMINUM | | | | | | | | | |
| ANTIMONY | | | | | | | | | |
| ARSENIC | | | | | | | | | |
| BARIUM | | | | | | | | | |
| BERYLLIUM | | | | | | | | | |
| CADMIUM | | | | | | | | | |
| CALCIUM | | | | | | | | | |
| CHROMIUM | | | | | | | | | |
| COBALT | | | | | | | | | |
| COPPER | | | | | | | | | |
| IRON | | | | | | | | | |
| LEAD | | | | | | | | | |
| MAGNESIUM | | | | | | | | | |
| MANGANESE | | | | | | | | | |
| MERCURY | | | | | | | | | |
| MOLYBDENUM | | | | | | | | | |
| NICKEL | | | | | | | | | |
| POTASSIUM | | | | | | | | | |
| SELENIUM | | | | | | | | | |
| SILVER | | | | | | | | | |
| SODIUM | | | | | | | | | |
| THALLIUM | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.44 U | 0.10 U | 0.20 U | 0.10 U | 0.10 U |
| TIN | | | | | | | | | |
| VANADIUM | | | | | | | | | |
| ZINC | | | | | | | | | |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | | |
| CYANIDE (ug/L) | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_serv...eyport\upload

| order | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW03I | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| sample | MPT-AC-DPW01I-RS | MPT-AC-DPW01S-RS | MPT-AC-DPW03I-RS | MPT-AC-DPW03S-RS | MPT-AC-DPW04D-RS | MPT-AC-DPW04I-RS | MPT-AC-DPW04S-RS | MPT-AC-DPW09D-RS | MPT-AC-DPW09I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030423 | 20030423 | 20030423 | 20030423 | 20030424 | 20030424 | 20030424 | 20030423 | 20030423 |
| sample_dat | 04/23/03 | 04/23/03 | 04/23/03 | 04/23/03 | 04/24/03 | 04/24/03 | 04/24/03 | 04/23/03 | 04/23/03 |
| validated | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| NITRATE | | | | | | | | | |
| NITRITE | | | | | | | | | |
| SULFATE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_010** | **c_011** | **c_012** | **c_013** | **c_014** | **c_015** | **c_016** | **c_017** |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | | 0.37 J | 1 U | 1 U | 42 | 1 U | 1.3 | 0.22 J |
| 1,1-DICHLOROETHENE | | 1 U | 1 U | 1 U | 4.6 | 1 U | 1 U | 1 U |
| 1,2,3-TRICHLOROPROPANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | | 1 UJ | 1 UJ | 1 UJ | 1.7 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMOETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 2-BUTANONE | | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 2-HEXANONE | | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U | 10 U |
| 3-CHLOROPROPENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U | 10 U |
| ACETONE | | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U | 10 U |
| ACETONITRILE | | 20 UR | 20 UR | 20 UR | 33 UR | 20 UR | 20 UR | 20 UR |
| ACROLEIN | | 10 UR | 10 UR | 10 UR | 17 UR | 10 UR | 10 UR | 10 UR |
| ACRYLONITRILE | | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U | 10 U |
| BENZENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | | 0.33 J | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| BROMOFORM | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| BROMOMETHANE | | 2 UJ | 2 UJ | 2 UJ | 3.3 U | 2 U | 2 U | 2 U |
| CARBON DISULFIDE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CARBON TETRACHLORIDE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CHLOROBENZENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | | 0.2 J | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CHLOROETHANE | | 1 UJ | 1 UJ | 1 UJ | 1.7 U | 1 U | 1 U | 1 U |
| CHLOROFORM | | 0.67 J | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CHLOROMETHANE | | 1 UJ | 1 UJ | 1 UJ | 1.7 U | 1 U | 1 U | 1 U |
| CHLOROPRENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | | 0.5 U | 0.5 U | 0.5 U | 0.18 J | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| DIBROMOMETHANE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | | 1 UJ | 1 UJ | 1 UJ | 1.7 UJ | 1 UJ | 1 UJ | 1 UJ |
| ETHYL METHACRYLATE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| ISOBUTANOL | | 50 UR | 50 UR | 50 UR | 83 UR | 50 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | | 1 UJ | 1 UJ | 1 UJ | 1.7 U | 1 U | 1 U | 1 U |
| METHANE | | 45 | 20 | 1400 | | | 15 | 60 |
| METHYL IODIDE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| METHYL METHACRYLATE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| PROPIONITRILE | | 4 UR | 4 UR | 4 UR | 6.6 UR | 4 UR | 4 UR | 4 UR |
| STYRENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TETRACHLOROETHENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TOLUENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_010** | **c_011** | **c_012** | **c_013** | **c_014** | **c_015** | **c_016** | **c_017** |
| TOTAL 1,2-DICHLOROETHENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TOTAL XYLENES | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | | 0.5 U | 0.5 U | 0.5 U | 0.83 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 1 U |
| TRICHLOROETHENE | | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U | 0.095 J |
| TRICHLOROFLUOROMETHANE | | 2 UJ | 2 UJ | 2 UJ | 3.3 U | 2 U | 2 U | 2 U |
| VINYL ACETATE | | 1 UJ | 1 UJ | 1 UJ | 1.7 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | | 1 U | 1 U | 1 U | 0.3 J | 1 U | 1 U | 1 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NITROANILINE | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-PICOLINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-NITROANILINE | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_010 | c_011 | c_012 | c_013 | c_014 | c_015 | c_016 | c_017 |
| 4-CHLOROPHENYL PHENYL ETHER | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-NITROANILINE | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | | 50 U | 50 U | 50 U | 50 U | 50 U | 50 UJ | 50 UJ |
| ACENAPHTHENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETOPHENONE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANILINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANTHRACENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ARAMITE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)ANTHRACENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 12 U |
| BUTYL BENZYL PHTHALATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CARBAZOLE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHRYSENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIALLATE | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIBENZOFURAN | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL PARATHION | | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| FLUORANTHENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| FLUORENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISODRIN | | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 U | 0.1 UJ |
| ISOPHORONE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISOSAFROLE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| METHAPYRILENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_010** | **c_011** | **c_012** | **c_013** | **c_014** | **c_015** | **c_016** | **c_017** |
| METHYL METHANE SULFONATE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NAPHTHALENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NITROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| O-TOLUIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROPHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENACETIN | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENANTHRENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENOL | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PRONAMIDE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRENE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRIDINE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SAFROLE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| 4,4'-DDE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| 4,4'-DDT | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ALDRIN | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ALPHA-BHC | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ALPHA-CHLORDANE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| AROCLOR-1016 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1221 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1232 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1242 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1248 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1254 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1260 | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BETA-BHC | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| DELTA-BHC | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| DIELDRIN | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ENDOSULFAN I | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ENDOSULFAN II | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ENDOSULFAN SULFATE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ENDRIN | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ENDRIN ALDEHYDE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_010** | **c_011** | **c_012** | **c_013** | **c_014** | **c_015** | **c_016** | **c_017** |
| ENDRIN KETONE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| GAMMA-BHC (LINDANE) | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| GAMMA-CHLORDANE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| HEPTACHLOR | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| HEPTACHLOR EPOXIDE | | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ |
| ISODRIN | | | | | | | | |
| KEPONE | | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHOXYCHLOR | | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 UJ |
| SULFOTEPP | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOXAPHENE | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 UJ |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| DISULFOTON | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FAMPHUR | | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| METHYL PARATHION | | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| PHORATE | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| THIONAZIN | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4-D | | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U |
| DINOSEB | | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | | 1650 | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 73.6 U |
| ANTIMONY | | 3.2 | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U |
| ARSENIC | | 3.3 | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U |
| BARIUM | | 14.5 | 4.7 | 2.9 | 5.5 | 8.2 | 41.2 | 3.2 |
| BERYLLIUM | | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.38 U | 0.3 U | 0.3 U |
| CADMIUM | | 0.2 U | 0.2 U | 0.21 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| CALCIUM | | 38900 J | 68800 J | 106000 J | 39800 J | 62000 J | 85700 J | 38300 J |
| CHROMIUM | | 2.5 U | 1.6 U | 1.6 U | 1.6 U | 1.9 U | 1.6 U | 1.6 U |
| COBALT | | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| COPPER | | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| IRON | | 698 J | 1280 J | 343 J | 2700 J | 8630 J | 994 J | 410 J |
| LEAD | | 1.7 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |
| MAGNESIUM | | 50800 J | 13500 J | 15400 J | 27800 J | 14300 J | 151000 J | 7710 J |
| MANGANESE | | 14.5 J | 44.1 J | 93.1 J | 47.8 J | 136 J | 386 J | 32 J |
| MERCURY | | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U |
| POTASSIUM | | 50700 J | 4820 J | 6340 J | 28900 J | 1570 J | 109000 J | 3250 J |
| SELENIUM | | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U |
| SILVER | | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| SODIUM | | 431000 | 8740 | 15600 | 79300 | 17300 | 1800000 | 14800 |
| THALLIUM | 0.24 U | 10.2 | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 7.5 | 7.1 U |
| TIN | | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| VANADIUM | | 2.7 U | 0.5 U | 0.9 U | 0.5 U | 0.5 U | 0.96 U | 0.91 U |
| ZINC | | 11.9 U | 15 U | 4.2 U | 4.3 U | 20.6 U | 23.1 U | 8.8 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_sep[illegible]yport\upload

| order | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2003Q2 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW01D | MPT-AC-GW-DPW01I | MPT-AC-GW-DPW01S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW03D | MPT-AC-GW-DPW03I |
| nsample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| sample | MPT-AC-DPW10I-RS | MPT-AC-GW-DPW01D-01 | MPT-AC-GW-DPW01I-01 | MPT-AC-GW-DPW01S-01 | MPT-AC-GW-DPW02D-01 | MPT-AC-GW-DPW02S-01 | MPT-AC-GW-DPW03D-01 | MPT-AC-GW-DPW03I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030424 | 20000105 | 20000105 | 20000105 | 20000106 | 20000106 | 20000110 | 20000110 |
| sample_dat | 04/24/03 | 01/05/00 | 01/05/00 | 01/05/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 |
| validated | Y | | | | | | | |
| cto_proj | 0123 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_010** | **c_011** | **c_012** | **c_013** | **c_014** | **c_015** | **c_016** | **c_017** |
| NITRATE | | 2.5 U | 0.01 | 0.5 U | | | 0.1 U | 0.1 U |
| NITRITE | | 2.5 U | 0.5 U | 0.5 U | | | 0.1 U | 0.1 U |
| SULFATE | | 95 | 28 | 45 | | | 570 | 8 |

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_data | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_018 | c_019 | c_020 | c_021 | c_022 | c_023 | c_024 | c_025 |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 1 U | 2 | 12 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 0.71 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 0.087 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONE | 10 U | 10 U | 11 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| CARBON DISULFIDE | 1 U | 1 U | 1 U | 0.84 J | 0.63 J | 1 U | 0.62 J | 0.54 J |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| CHLOROFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.34 J | 0.96 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| METHANE | 28 | | | 310 | 130 | 140 J | 71 | 230 |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_servedmayport\upload

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_018** | **c_019** | **c_020** | **c_021** | **c_022** | **c_023** | **c_024** | **c_025** |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 1 U | 0.96 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| TRICHLOROETHENE | 1 U | 1 U | 0.082 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| VINYL ACETATE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 0.19 J | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | 10 U | 10 U | 2 J | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | 25 UJ | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_018 | c_019 | c_020 | c_021 | c_022 | c_023 | c_024 | c_025 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | 50 UJ | 50 U | 50 U | 50 U | 50 UJ | 50 U | 50 U | 50 U |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ARAMITE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL PARATHION | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISODRIN | | 0.1 UJ | 0.1 UJ | 0.1 U | 0.1 U | | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_018** | **c_019** | **c_020** | **c_021** | **c_022** | **c_023** | **c_024** | **c_025** |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENACETIN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDT | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| AROCLOR-1016 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1221 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1232 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1242 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1248 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1254 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1260 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BETA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DELTA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DIELDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN I | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN II | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_018** | **c_019** | **c_020** | **c_021** | **c_022** | **c_023** | **c_024** | **c_025** |
| ENDRIN KETONE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ISODRIN | 0.1 UJ | | | | | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| KEPONE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHOXYCHLOR | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| SULFOTEPP | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOXAPHENE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FAMPHUR | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| PHORATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| THIONAZIN | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4-D | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U |
| DINOSEB | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 161 | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 19.5 U | 15.5 U | 26.2 U |
| ANTIMONY | 3.1 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.1 U | 2.3 U | 2.5 U |
| ARSENIC | 2.5 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.5 U | 2.5 U | 4.5 U |
| BARIUM | 13.6 | 7.5 | 13 | 3.6 | 3.5 | 3.4 U | 2.1 U | 2.8 U |
| BERYLLIUM | 0.2 U | 0.3 U | 0.31 U | 0.3 U | 0.3 U | 0.2 U | 0.2 U | 0.2 U |
| CADMIUM | 0.7 U | 0.2 U | 0.2 U | 0.2 U | 0.29 U | 0.7 U | 0.7 U | 0.7 U |
| CALCIUM | 19900 J | 26300 J | 80900 J | 82400 J | 48900 J | 119000 J | 38600 J | 73000 J |
| CHROMIUM | 2.6 U | 2.4 U | 1.6 U | 1.6 U | 1.6 U | 2.6 U | 2.6 U | 2.6 U |
| COBALT | 1.5 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 1.5 U | 1.5 U | 1.5 U |
| COPPER | 2.9 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 2.9 U | 2.9 U | 2.9 U |
| IRON | 1560 J | 856 J | 1110 J | 120 U | 269 J | 1470 J | 262 U | 105 U |
| LEAD | 1.4 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.4 U | 1.4 U | 1.4 U |
| MAGNESIUM | 949 J | 47300 J | 40900 J | 18900 J | 9940 J | 12000 J | 26600 J | 13900 J |
| MANGANESE | 53.5 J | 37.7 J | 78.1 J | 17.2 J | 16.5 J | 93.8 J | 14.4 J | 13.8 J |
| MERCURY | 0.031 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.031 U | 0.031 U | 0.031 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.7 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.8 U | 1.7 U | 1.7 U |
| POTASSIUM | 536 U | 61600 J | 24800 J | 10800 J | 6090 J | 22800 J | 26600 J | 6840 J |
| SELENIUM | 3.1 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 3.1 U | 3.1 U | 3.5 |
| SILVER | 1.9 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.9 U | 1.9 U | 1.9 U |
| SODIUM | 15700 J | 658000 | 293000 | 66500 | 15500 | 30900 J | 22600 J | 18900 J |
| THALLIUM | 9.4 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 9.4 U | 9.4 U | 9.4 U |
| TIN | 4.6 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 4.6 U | 4.6 U | 4.6 U |
| VANADIUM | 3.3 | 3.5 U | 1.5 U | 0.5 U | 0.5 U | 2.1 U | 2.1 U | 2.1 U |
| ZINC | 21.1 U | 4.6 U | 14 U | 16.7 U | 8.2 U | 4.7 U | 4.4 U | 4.6 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW03S | MPT-AC-GW-DPW04D | MPT-AC-GW-DPW04I | MPT-AC-GW-DPW05D | MPT-AC-GW-DPW05I | MPT-AC-GW-DPW05S | MPT-AC-GW-DPW06D | MPT-AC-GW-DPW06I |
| nsample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| sample | MPT-AC-GW-DPW03S-01 | MPT-AC-GW-DPW04D-01 | MPT-AC-GW-DPW04I-01 | MPT-AC-GW-DPW05D-01 | MPT-AC-GW-DPW05I-01 | MPT-AC-GW-DPW05S-01 | MPT-AC-GW-DPW06D-01 | MPT-AC-GW-DPW06I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000106 | 20000106 | 20000110 | 20000110 | 20000114 | 20000113 | 20000113 |
| sample_dat | 01/12/00 | 01/06/00 | 01/06/00 | 01/10/00 | 01/10/00 | 01/14/00 | 01/13/00 | 01/13/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_018** | **c_019** | **c_020** | **c_021** | **c_022** | **c_023** | **c_024** | **c_025** |
| NITRATE | 0.1 U | | | 0.1 U | 0.1 U | 0.2 | 0.1 U | 0.1 U |
| NITRITE | 0.1 U | | | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| SULFATE | 68 J | | | 27 | 10 | 110 J | 34 J | 14 J |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_026 | c_027 | c_028 | c_029 | c_030 | c_031 | c_032 | c_033 |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.33 J |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.18 J |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| CARBON DISULFIDE | 1 U | 0.24 J | 0.15 J | 0.97 J | 1 U | 1 U | 0.13 J | 0.2 J |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| CHLOROFORM | 1 U | 1 U | 1 U | 0.11 J | 0.29 J | 1 U | 1 U | 1 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 12 |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHANE | 120 | 400 | 1300 | 4400 | 2400 | 190 | 370 | 37 |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_026** | **c_027** | **c_028** | **c_029** | **c_030** | **c_031** | **c_032** | **c_033** |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 13 |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.83 |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.99 J |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| VINYL ACETATE | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | 25 UJ | 25 UJ | 25 UJ | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_026** | **c_027** | **c_028** | **c_029** | **c_030** | **c_031** | **c_032** | **c_033** |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| A A-DIMETHYLPHENETHYLAMINE | 50 UJ | 50 UR | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 U | 50 U |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ARAMITE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 UR |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 U |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISODRIN | | | | 0.1 UJ | 0.1 UJ | 0.1 UJ | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_serv...ayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_026** | **c_027** | **c_028** | **c_029** | **c_030** | **c_031** | **c_032** | **c_033** |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENACETIN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDT | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| AROCLOR-1016 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1221 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1232 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1242 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1248 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1254 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1260 | 1 U | 1 U | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| BETA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DELTA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DIELDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN I | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN II | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |

from wed_sam dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_026** | **c_027** | **c_028** | **c_029** | **c_030** | **c_031** | **c_032** | **c_033** |
| ENDRIN KETONE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ISODRIN | 0.1 UJ | 0.1 UJ | 0.1 UJ | | | | 0.1 UJ | 0.1 UJ |
| KEPONE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHOXYCHLOR | 0.1 U | 0.1 U | 0.1 U | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 U | 0.1 U |
| SULFOTEPP | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOXAPHENE | 2 U | 2 U | 2 U | 2 UJ | 2 U | 2 U | 2 U | 2 U |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FAMPHUR | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PHORATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| THIONAZIN | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4-D | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U |
| DINOSEB | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 59.8 U | 44.9 U | 20.4 U | 73.6 U | 73.6 U | 73.6 U | 15.5 U | 15.5 U |
| ANTIMONY | 1.6 U | 2.4 U | 2 U | 2.6 U | 2.6 U | 2.6 U | 1.6 U | 1.6 U |
| ARSENIC | 2.5 U | 2.5 U | 2.9 U | 2.7 U | 2.7 U | 2.7 U | 12.2 U | 2.5 U |
| BARIUM | 2.9 U | 3.1 U | 2.7 U | 1.7 U | 1.5 U | 4.6 | 38.5 | 8.7 |
| BERYLLIUM | 0.2 U | 0.21 | 0.2 U | 0.3 U | 0.3 U | 0.39 U | 0.2 U | 0.2 U |
| CADMIUM | 0.7 U | 0.7 U | 0.7 U | 0.2 U | 0.2 U | 0.25 U | 0.7 U | 0.7 U |
| CALCIUM | 43700 J | 78000 J | 76100 J | 17100 J | 24900 J | 100000 J | 103000 J | 91300 J |
| CHROMIUM | 3.3 | 2.6 U | 2.6 U | 3.1 U | 1.9 U | 1.6 U | 2.6 U | 2.6 U |
| COBALT | 1.5 U | 1.5 U | 1.5 U | 0.7 U | 0.7 U | 0.7 U | 1.6 | 1.5 U |
| COPPER | 2.9 U | 2.9 U | 2.9 U | 1.1 U | 1.1 U | 1.1 U | 7 U | 2.9 U |
| IRON | 274 U | 160 U | 106 U | 69.1 U | 22.5 U | 439 J | 3170 J | 63.6 U |
| LEAD | 1.4 U | 1.4 U | 1.4 U | 1.5 U | 1.5 U | 1.5 U | 1.4 U | 1.4 U |
| MAGNESIUM | 28800 J | 17700 J | 10500 J | 19000 J | 25100 J | 15000 J | 126000 J | 30100 J |
| MANGANESE | 13.4 J | 14.3 J | 74.2 J | 9.2 J | 7.8 J | 69.8 J | 67 J | 47.4 J |
| MERCURY | 0.031 U | 0.031 U | 0.031 U | 0.03 U | 0.03 U | 0.03 U | 0.032 U | 0.031 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.7 U | 1.7 U | 1.7 U | 1.3 U | 1.3 U | 1.4 | 4.3 U | 1.7 U |
| POTASSIUM | 27200 J | 11500 J | 6180 J | 31800 J | 32500 J | 5100 J | 107000 J | 6520 J |
| SELENIUM | 3.1 U | 3.1 U | 3.1 U | 4.7 U | 4.7 U | 4.7 U | 3.1 U | 3.1 U |
| SILVER | 1.9 U | 1.9 U | 1.9 U | 1.6 U | 1.6 U | 1.6 U | 1.9 U | 1.9 U |
| SODIUM | 89100 J | 13300 J | 15600 J | 154000 | 85800 | 14100 | 1650000 J | 78200 J |
| THALLIUM | 9.4 U | 9.4 U | 9.4 U | 7.1 U | 7.1 U | 7.1 U | 9.4 U | 9.4 U |
| TIN | 4.6 U | 4.6 U | 4.6 U | 2.5 U | 2.5 U | 2.5 U | 4.6 U | 4.6 U |
| VANADIUM | 3 | 2.1 U | 2.1 U | 6.2 U | 2.8 U | 0.75 U | 2.1 U | 2.1 U |
| ZINC | 26.4 | 12.2 U | 8.2 U | 17.6 U | 16.5 U | 15.9 U | 7.9 U | 8.8 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 3 U | 3 U | 3 U | 2.2 U | 2.6 U | 2.2 U | 3 U | 3 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 026 | 027 | 028 | 029 | 030 | 031 | 032 | 033 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW07D | MPT-AC-GW-DPW07I | MPT-AC-GW-DPW07S | MPT-AC-GW-DPW08D | MPT-AC-GW-DPW08I | MPT-AC-GW-DPW08S | MPT-AC-GW-DPW09D | MPT-AC-GW-DPW09I |
| nsample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| sample | MPT-AC-GW-DPW07D-01 | MPT-AC-GW-DPW07I-01 | MPT-AC-GW-DPW07S-01 | MPT-AC-GW-DPW08D-01 | MPT-AC-GW-DPW08I-01 | MPT-AC-GW-DPW08S-01 | MPT-AC-GW-DPW09D-01 | MPT-AC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000112 | 20000112 | 20000111 | 20000111 | 20000111 | 20000114 | 20000114 |
| sample_dat | 01/12/00 | 01/12/00 | 01/12/00 | 01/11/00 | 01/11/00 | 01/11/00 | 01/14/00 | 01/14/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_026** | **c_027** | **c_028** | **c_029** | **c_030** | **c_031** | **c_032** | **c_033** |
| NITRATE | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| NITRITE | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| SULFATE | 5 U | 26 J | 25 J | 30 | 29 | 74 | 270 J | 71 J |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_034 | c_035 | c_036 | c_037 | c_038 | c_039 | c_040 | c_041 |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 1 U | 1 U | 1 U | 0.93 J | 0.875 J | 0.82 J | 1 U | 1 U |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 1 U | 0.36 J | 0.355 J | 0.35 J | 1 U | 1 U |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONE | 10 U | 11 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| CARBON DISULFIDE | 0.48 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.35 J |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 0.1 J | 4.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 1.8 | 0.5 U | 0.11 J | 0.11 J | 0.5 U | 0.5 U | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| METHANE | 820 | 460 | 390 | | | | 110 J | 855 J |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

from wed_sam dbf
from wed_res dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_034** | **c_035** | **c_036** | **c_037** | **c_038** | **c_039** | **c_040** | **c_041** |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 2 | 1 U | 0.11 J | 0.11 J | 1 U | 1 U | 1 U |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.16 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| TRICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| VINYL ACETATE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ | 1 UJ |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 UJ | 25 UJ |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 U | 10 UJ | 10 UJ | 10 U | 10 U | 10 U | 10 U | 10 UJ |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_034 | c_035 | c_036 | c_037 | c_038 | c_039 | c_040 | c_041 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | 50 U | 50 UJ | 50 UJ | 50 U | 50 U | 50 U | 50 UJ | 50 UJ |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ARAMITE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL PARATHION | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 38 | 21.5 |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISODRIN | | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_034** | **c_035** | **c_036** | **c_037** | **c_038** | **c_039** | **c_040** | **c_041** |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 UJ |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENACETIN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 46 | 25.5 |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDT | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| AROCLOR-1016 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1221 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1232 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1242 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1248 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1254 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| AROCLOR-1260 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BETA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DELTA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| DIELDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN I | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN II | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_034** | **c_035** | **c_036** | **c_037** | **c_038** | **c_039** | **c_040** | **c_041** |
| ENDRIN KETONE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| ISODRIN | 0.1 UJ | | | | | | 0.1 UJ | 0.1 UJ |
| KEPONE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| METHOXYCHLOR | 0.1 U | 0.1 UJ | 0.1 UJ | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| SULFOTEPP | 0.4 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOXAPHENE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FAMPHUR | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PHORATE | 0.42 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| THIONAZIN | 0.5 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 UJ | 1 U | 1 U | 1 UJ | 1 UJ | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | 1 U | 1 UJ | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4-D | 4 U | 4 UJ | 4 U | 0.28 J | 0.28 J | 0.28 J | 4 U | 4 U |
| DINOSEB | 0.6 U | 0.6 UJ | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 15.5 U | 73.6 U | 73.6 U | 192 | 114.4 | 73.6 U | 21.2 U | 19.8 U |
| ANTIMONY | 1.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 1.6 U | 1.6 U |
| ARSENIC | 2.5 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 4.6 U | 3.55 U |
| BARIUM | 1.7 U | 2.5 U | 2.6 U | 6.1 | 5.85 | 5.2 | 10.5 | 5.775 |
| BERYLLIUM | 0.2 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.2 U | 0.2 U |
| CADMIUM | 0.7 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.7 U | 0.7 U |
| CALCIUM | 27700 J | 16400 J | 50400 J | 93000 J | 92700 J | 92400 J | 63700 J | 70600 J |
| CHROMIUM | 2.6 U | 3.3 U | 1.6 U | 1.6 U | 1.65 U | 1.7 U | 2.6 U | 2.6 U |
| COBALT | 1.5 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 1.5 U | 1.5 U |
| COPPER | 2.9 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 2.9 U | 2.9 U |
| IRON | 43.7 U | 79.5 U | 32 U | 1700 J | 1760 J | 1820 J | 341 U | 215.8 U |
| LEAD | 1.4 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.4 U | 1.4 U |
| MAGNESIUM | 26500 J | 9350 J | 30000 J | 20900 J | 21000 J | 21100 J | 2560 J | 6630 J |
| MANGANESE | 8.6 U | 16 J | 16.5 J | 72.9 J | 75.9 J | 78.9 J | 26.9 J | 50.15 J |
| MERCURY | 0.031 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.03 U | 0.039 U | 0.035 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.7 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.7 U | 1.7 U |
| POTASSIUM | 31700 J | 16200 J | 23300 J | 6310 J | 6370 J | 6430 J | 1820 U | 3595 J |
| SELENIUM | 3.1 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 3.1 U | 3.1 U |
| SILVER | 1.9 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.9 U | 1.9 U |
| SODIUM | 112000 J | 296000 | 30600 | 14200 | 14500 | 14800 | 5460 J | 10330 J |
| THALLIUM | 9.4 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 9.4 U | 9.4 U |
| TIN | 4.6 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 4.6 U | 4.6 U |
| VANADIUM | 3.1 | 3.2 U | 0.5 U | 1.5 U | 1.6 U | 1.7 U | 2.1 | 1.575 |
| ZINC | 3.7 U | 55 | 16.1 U | 5.8 U | 21.75 | 40.6 | 9.9 U | 11.3 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 3 U | 2.2 U | 2.2 U | 3 U | 3 U | 3 U | 3 U | 3 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 |
| location | MPT-AC-GW-DPW10I | MPT-AC-GW-DPW11I | MPT-AC-GW-DPW12I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW04S |
| nsample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GWDPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GWDPW02I-01-D | MPT-AC-GWDPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| sample | MPT-AC-GW-DPW10I-01 | MPT-AC-GW-DPW11I-01 | MPT-AC-GW-DPW12I-01 | MPT-AC-GW-DPW02I-01 | MPT-AC-GWDPW02I-01-AVG | MPT-AC-GW-DU03 | MPT-AC-GW-DPW04S-01 | MPT-AC-GWDPW04S-01-AVG |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | DUP | AVG | DUP | DUP | AVG |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000113 | 20000111 | 20000111 | 20000106 | 20000106 | 20000106 | 20000112 | 20000112 |
| sample_dat | 01/13/00 | 01/11/00 | 01/11/00 | 01/06/00 | 01/06/00 | 01/06/00 | 01/12/00 | 01/12/00 |
| validated | | | | | | | | |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 | 0199 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_034** | **c_035** | **c_036** | **c_037** | **c_038** | **c_039** | **c_040** | **c_041** |
| NITRATE | 0.1 U | 0.1 U | 0.1 U | | | | 0.1 U | 0.1 U |
| NITRITE | 0.1 U | 0.1 U | 0.1 U | | | | 0.1 U | 0.1 U |
| SULFATE | 9 J | 10 U | 39 | | | | 5 U | 14.25 J |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_042 | c_043 | c_044 | c_045 | c_046 | c_047 | c_048 | c_049 |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 UJ | 1 U | 1 U | 1 U | | | | |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | | | | |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-CHLOROETHYL VINYL ETHER | 1 U | 1 U | 1 U | 1 U | | | | |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | | | | |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETONE | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | | | | |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZENE | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | | | | |
| CARBON DISULFIDE | 0.35 J | 1 U | 0.58 J | 0.58 J | | | | |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROFORM | 1 U | 1 U | 0.12 J | 0.12 J | | | | |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | | | | |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | | | | |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | | | | |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | | | | |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | | | | |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | | | | |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | | | | |
| METHACRYLONITRILE | 1 U | 1 UJ | 1 UJ | 1 UJ | | | | |
| METHANE | 1600 J | 330 | 645 J | 960 J | | | | |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | | | | |
| METHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | | | | |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | | | | |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | | | | |
| STYRENE | 1 U | 1 U | 1 U | 1 U | | | | |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | | | | |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_042 | c_043 | c_044 | c_045 | c_046 | c_047 | c_048 | c_049 |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | | | | |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | | | | |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | | | | |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | | | | |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | | | | |
| TRICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | | | | |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | | | | |
| VINYL ACETATE | 1 UJ | 1 U | 1 U | 1 U | | | | |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | | | | |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DINITROPHENOL | 25 UJ | 25 U | 25 U | 25 U | | | | |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-ACETYLAMINOFLUORENE | 10 UJ | 10 U | 10 U | 10 U | | | | |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | | | | |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 3,3'-DIMETHYLBENZIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_042 | c_043 | c_044 | c_045 | c_046 | c_047 | c_048 | c_049 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | | | | |
| A,A-DIMETHYLPHENETHYLAMINE | 50 UJ | 50 U | 50 U | 50 U | | | | |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | | | | |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | | | | |
| ANILINE | 10 U | 10 U | 10 U | 10 U | | | | |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | | | | |
| ARAMITE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 5 U | 5 U | | | | |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | | | | |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | | | | |
| CHLOROBENZILATE | 10 U | 10 U | 10 U | 10 U | | | | |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | | | | |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | | | | |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | | | | |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | | | | |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | | | | |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | | | | |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | | | | |
| ETHYL PARATHION | 1 UJ | 1 UJ | 1 UJ | 1 UJ | | | | |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | | | | |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | | | | |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | | | | |
| ISODRIN | | | | | | | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | | | | |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | | | | |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_042** | **c_043** | **c_044** | **c_045** | **c_046** | **c_047** | **c_048** | **c_049** |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | | | | |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | | | | |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | | | | |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENACETIN | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENOL | 10 U | 10 U | 10 U | 10 U | | | | |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | | | | |
| PYRENE | 10 U | 10 U | 10 U | 10 U | | | | |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | | | | |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | | | | |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| 4,4'-DDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| 4,4'-DDT | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ALDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ALPHA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ALPHA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| AROCLOR-1016 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1221 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1232 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1242 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1248 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1254 | 1 U | 1 U | 1 U | 1 U | | | | |
| AROCLOR-1260 | 1 U | 1 U | 1 U | 1 U | | | | |
| BETA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| DELTA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| DIELDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ENDOSULFAN I | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ENDOSULFAN II | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ENDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_042** | **c_043** | **c_044** | **c_045** | **c_046** | **c_047** | **c_048** | **c_049** |
| ENDRIN KETONE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| GAMMA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| HEPTACHLOR | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | | | | |
| ISODRIN | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | | | | |
| KEPONE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | | | | |
| METHOXYCHLOR | 0.1 U | 0.1 U | 0.1 U | 0.1 U | | | | |
| SULFOTEPP | 1 U | 1 U | 1 U | 1 U | | | | |
| TOXAPHENE | 2 U | 2 U | 2 U | 2 U | | | | |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 U | 1 U | 1 U | | | | |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | | | | |
| FAMPHUR | 1 U | 1 U | 1 U | 1 U | | | | |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 U | | | | |
| PHORATE | 1 U | 1 U | 1 U | 1 U | | | | |
| THIONAZIN | 1 U | 1 U | 1 U | 1 U | | | | |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 U | 1 U | 1 U | | | | |
| 2,4,5-TP (SILVEX) | 1 U | 1 U | 1 U | 1 U | | | | |
| 2,4-D | 4 U | 4 U | 4 U | 4 U | | | | |
| DINOSEB | 0.6 U | 0.6 U | 0.6 U | 0.6 U | | | | |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 18.4 U | 15.5 U | 15.5 U | 15.5 U | | | | |
| ANTIMONY | 1.6 U | 2.8 U | 2.2 U | 1.6 U | | | | |
| ARSENIC | 2.5 U | 2.5 U | 2.5 U | 2.5 U | | | | |
| BARIUM | 2.1 U | 0.69 U | 1.195 U | 1.7 U | | | | |
| BERYLLIUM | 0.2 U | 0.2 U | 0.2 U | 0.2 U | | | | |
| CADMIUM | 0.7 U | 0.7 U | 0.59 | 0.83 | | | | |
| CALCIUM | 77500 J | 57400 J | 42650 J | 27900 J | | | | |
| CHROMIUM | 2.6 U | 2.6 U | 2.6 U | 2.6 U | | | | |
| COBALT | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| COPPER | 2.9 U | 2.9 U | 2.9 U | 2.9 U | | | | |
| IRON | 90.6 U | 80 U | 61.85 U | 43.7 U | | | | |
| LEAD | 1.4 U | 1.4 U | 1.4 U | 1.4 U | | | | |
| MAGNESIUM | 10700 J | 1950 J | 14425 J | 26900 J | | | | |
| MANGANESE | 73.4 J | 13 J | 8.525 J | 8.1 U | | | | |
| MERCURY | 0.031 U | 0.031 U | 0.031 U | 0.031 U | | | | |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.7 U | 5.7 U | 3.7 U | 1.7 U | | | | |
| POTASSIUM | 6280 J | 1940 U | 14785 J | 28600 J | | | | |
| SELENIUM | 3.1 U | 3.1 U | 3.1 U | 3.1 U | | | | |
| SILVER | 1.9 U | 1.9 U | 1.9 U | 1.9 U | | | | |
| SODIUM | 15200 J | 7020 J | 58010 J | 109000 J | | | | |
| THALLIUM | 9.4 U | 9.4 U | 9.4 U | 9.4 U | 0.24 U | 0.255 U | 0.27 U | 0.10 U |
| TIN | 4.6 U | 4.6 U | 4.6 U | 4.6 U | | | | |
| VANADIUM | 2.1 U | 2.1 U | 2.125 | 3.2 | | | | |
| ZINC | 12.7 U | 8.1 U | 6.4 U | 4.7 U | | | | |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 3 U | 3 U | 3 U | 3 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG | BLDG |
| round | 2000Q1 | 2000Q1 | 2000Q1 | 2000Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-AC-GW-DPW04S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW06S | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02D | MPT-AC-GW-DPW02I |
| nsample | MPT-AC-GWDPW04S-01-D | MPT-AC-GWDPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GWDPW06S-01-D | MPT-ACDPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-ACDPW02D-RS-D | MPT-ACDPW02I-RS |
| sample | MPT-AC-GW-DU04 | MPT-AC-GW-DPW06S-01 | MPT-AC-GWDPW06S-01-AVG | MPT-AC-GW-DU05 | MPT-AC-DPW02D-RS | MPT-ACDPW02D-RS-AVG | MPT-DU03-RS | MPT-AC-DPW02I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | DUP | DUP | AVG | DUP | DUP | AVG | DUP | DUP |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000112 | 20000113 | 20000113 | 20000113 | 20030425 | 20030425 | 20030425 | 20030425 |
| sample_dat | 01/12/00 | 01/13/00 | 01/13/00 | 01/13/00 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 |
| validated | | | | | Y | Y | Y | Y |
| cto_proj | 0199 | 0199 | 0199 | 0199 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_042** | **c_043** | **c_044** | **c_045** | **c_046** | **c_047** | **c_048** | **c_049** |
| NITRATE | 0.1 U | 0.1 U | 0.1 U | 0.1 U | | | | |
| NITRITE | 0.1 U | 0.1 U | 0.1 U | 0.1 U | | | | |
| SULFATE | 26 J | 8 J | 11.5 J | 15 J | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| au | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| ound | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| sample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| ample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| natrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| acode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ıs_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| ample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/06/99 | 12/07/99 | 12/07/99 |
| alidated | Y | Y | Y | Y | Y | Y | | | |
| to_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| roj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| ort | c_050 | c_051 | c_052 | c_053 | c_054 | c_055 | c_056 | c_057 | c_058 |
| olatile Organics (ug/L) | | | | | | | | | |
| 1,1,2-TETRACHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,1,1-TRICHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,1,2-TRICHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,1-DICHLOROETHANE | | | | | | | 0.77 J | 5 UJ | 0.45 J |
| 1,1-DICHLOROETHENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,2,3-TRICHLOROPROPANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,2-DIBROMOETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,2-DICHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 1,2-DICHLOROPROPANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 2-BUTANONE | | | | | | | 10 U | 50 UR | 17 UR |
| 2-CHLOROETHYL VINYL ETHER | | | | | | | 1 UR | 5 UR | 1.7 UR |
| 2-HEXANONE | | | | | | | 10 UR | 50 UJ | 17 U |
| 3-CHLOROPROPENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| 4-METHYL-2-PENTANONE | | | | | | | 10 U | 50 UJ | 17 U |
| ACETONE | | | | | | | 10 U | 50 UR | 17 UR |
| ACETONITRILE | | | | | | | 20 UR | 100 UR | 33 UR |
| ACROLEIN | | | | | | | 10 UR | 50 UR | 17 UR |
| ACRYLONITRILE | | | | | | | 10 U | 50 UR | 17 UR |
| BENZENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| BROMODICHLOROMETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| BROMOFORM | | | | | | | 1 U | 5 UJ | 1.7 U |
| BROMOMETHANE | | | | | | | 2 U | 10 UJ | 3.3 U |
| CARBON DISULFIDE | | | | | | | 1 U | 4.5 J | 1.7 U |
| CARBON TETRACHLORIDE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLOROBENZENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLORODIBROMOMETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLOROETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLOROFORM | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLOROMETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CHLOROPRENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CIS-1,2-DICHLOROETHENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| CIS-1,3-DICHLOROPROPENE | | | | | | | 0.2 J | 1.6 J | 1.7 |
| DIBROMOMETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| DICHLORODIFLUOROMETHANE | | | | | | | 1 U | 5 UJ | 1.7 U |
| ETHYL METHACRYLATE | | | | | | | 1 UJ | 5 UJ | 0.78 J |
| ETHYLBENZENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| ISOBUTANOL | | | | | | | 1 U | 5 UJ | 1.7 U |
| METHACRYLONITRILE | | | | | | | 50 UR | 250 UR | 83 UR |
| METHANE | | | | | | | 1 UJ | 5 UR | 1.7 UR |
| METHYL IODIDE | | | | | | | | | |
| METHYL METHACRYLATE | | | | | | | 1 U | 5 UJ | 1.7 U |
| METHYL TERT-BUTYL ETHER | | | | | | | 1 UJ | 5 UJ | 1.7 U |
| METHYLENE CHLORIDE | | | | | | | | | |
| PROPIONITRILE | | | | | | | 1 U | 5 UJ | 1.7 U |
| STYRENE | | | | | | | 4 UR | 20 UR | 6.6 UR |
| TETRACHLOROETHENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| TOLUENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| | | | | | | | 1 U | 5 UJ | 1.7 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| au | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| ound | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| sample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| ample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| natrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| acode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| as_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| ample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/06/99 | 12/07/99 | 12/07/99 |
| alidated | Y | Y | Y | Y | Y | Y | | | |
| to_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| roj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| ort | c_050 | c_051 | c_052 | c_053 | c_054 | c_055 | c_056 | c_057 | c_058 |
| TOTAL 1,2-DICHLOROETHENE | | | | | | | 0.33 J | 1.6 J | 1.7 |
| TOTAL XYLENES | | | | | | | 1 U | 5 UJ | 1.7 U |
| TRANS-1,2-DICHLOROETHENE | | | | | | | 0.13 J | 2.5 UJ | 0.83 U |
| TRANS-1,3-DICHLOROPROPENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| TRANS-1,4-DICHLORO-2-BUTENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| TRICHLOROETHENE | | | | | | | 1 U | 5 UJ | 1.7 U |
| TRICHLOROFLUOROMETHANE | | | | | | | 2 U | 10 UJ | 3.3 U |
| VINYL ACETATE | | | | | | | 1 U | 5 UJ | 1.7 U |
| VINYL CHLORIDE | | | | | | | 4.3 | 5 UJ | 0.49 J |
| Semivolatile Organics (ug/L) | | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | | | | | | | 10 U | 10 UJ | 10 UJ |
| 1,3-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | | | | | | | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | | | | | | | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | | | | | | | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | | | | | | | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | | | | | | | 10 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | | | | | | | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | | | | | | | 95 | 10 U | 10 U |
| 2-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| 2-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-PICOLINE | | | | | | | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | | | | | | | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | | | | | | | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | | | | | | | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 3-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | | | | | | | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | | | | | | | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | | | | | | | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| nsample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-0 |
| sample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-0 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| sample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/06/99 | 12/07/99 | 12/07/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_050 | c_051 | c_052 | c_053 | c_054 | c_055 | c_056 | c_057 | c_058 |
| 4-CHLOROPHENYL PHENYL ETHER | | | | | | | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 4-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | | | | | | | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | | | | | | | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | | | | | | | 50 U | 50 UJ | 50 UJ |
| ACENAPHTHENE | | | | | | | 99 | 1.7 J | 10 U |
| ACENAPHTHYLENE | | | | | | | 1.8 J | 10 U | 10 U |
| ACETOPHENONE | | | | | | | 10 U | 10 U | 10 U |
| ANILINE | | | | | | | 10 U | 10 U | 10 U |
| ANTHRACENE | | | | | | | 2.1 J | 10 U | 10 U |
| ARAMITE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(A)ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | | | | | | | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| BUTYL BENZYL PHTHALATE | | | | | | | 5 U | 5 U | 5 U |
| CARBAZOLE | | | | | | | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | | | | | | | 18 | 10 U | 10 U |
| CHRYSENE | | | | | | | 10 UJ | 10 U | 10 UJ |
| DI-N-BUTYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DIALLATE | | | | | | | 10 U | 10 U | 10 U |
| DIBENZO(A,H)ANTHRACENE | | | | | | | 20 U | 20 U | 20 U |
| DIBENZOFURAN | | | | | | | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | | | | | | | 56 | 10 U | 10 U |
| DIMETHYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DINOSEB | | | | | | | 10 UR | 10 UR | 10 UR |
| DIPHENYLAMINE | | | | | | | | | |
| ETHYL METHANE SULFONATE | | | | | | | 10 U | 10 U | 10 U |
| ETHYL PARATHION | | | | | | | 10 U | 10 U | 10 U |
| FLUORANTHENE | | | | | | | 100 U | 1 U | 1 U |
| FLUORENE | | | | | | | 4.8 J | 10 U | 10 U |
| HEXACHLOROBENZENE | | | | | | | 40 | 10 U | 10 U |
| HEXACHLOROBUTADIENE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROETHANE | | | | | | | 10 UR | 10 UR | 10 UR |
| HEXACHLOROPROPENE | | | | | | | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | | | | | | | 10 U | 10 UJ | 10 UJ |
| ISODRIN | | | | | | | 10 U | 10 U | 10 U |
| ISOPHORONE | | | | | | | | | |
| ISOSAFROLE | | | | | | | 10 U | 10 U | 10 U |
| METHAPYRILENE | | | | | | | 10 U | 10 U | 10 U |
| | | | | | | | 10 U | 10 UJ | 10 UJ |

from wed_sam dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| rder | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| ioc | C | C | C | C | C | C | C | C | C |
| u | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| ound | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| sample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| ample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| natrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| acode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| is_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| ample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/08/99 | 12/07/99 | 12/07/99 |
| alidated | Y | Y | Y | Y | Y | Y | | | |
| to_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| roj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **ort** | **c_050** | **c_051** | **c_052** | **c_053** | **c_054** | **c_055** | **c_056** | **c_057** | **c_058** |
| METHYL METHANE SULFONATE | | | | | | | 10 U | 10 UJ | 10 UJ |
| N-NITROSO-DI-N-BUTYLAMINE | | | | | | | 10 U | 10 UJ | 10 UJ |
| N-NITROSO-DI-N-PROPYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | | | | | | | 10 U | 10 U | 10 U |
| NAPHTHALENE | | | | | | | 140 | 10 U | 10 U |
| NITROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | | | | | 100 U | 1 U | 1 U |
| O-TOLUIDINE | | | | | | | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | | | | | | | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | | | | | | | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | | | | | | | 10 U | 10 UJ | 10 UJ |
| PENTACHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| PHENACETIN | | | | | | | 10 U | 10 U | 10 U |
| PHENANTHRENE | | | | | | | 29 | 10 U | 10 U |
| PHENOL | | | | | | | 10 U | 10 U | 10 U |
| PRONAMIDE | | | | | | | 10 U | 10 U | 10 U |
| PYRENE | | | | | | | 3.6 J | 10 U | 10 U |
| PYRIDINE | | | | | | | 10 U | 10 U | 10 U |
| SAFROLE | | | | | | | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | | |
| THIONAZIN | | | | | | | | | |
| **esticides/PCBs (ug/L)** | | | | | | | | | |
| 4,4'-DDD | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDT | | | | | | | 0.05 U | 0.05 UJ | 0.05 UJ |
| ALDRIN | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-BHC | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ALPHA-CHLORDANE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| AROCLOR-1016 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1221 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1232 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1242 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1248 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1254 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1260 | | | | | | | 1 U | 1 U | 1 U |
| BETA-BHC | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| DELTA-BHC | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| DIELDRIN | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN I | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN II | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN SULFATE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN | | | | | | | 0.05 U | 0.05 UJ | 0.05 UJ |
| ENDRIN ALDEHYDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| rder | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| ioc | C | C | C | C | C | C | C | C | C |
| iu | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| ound | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| isample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| ample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| natrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| acode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| is_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| ample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/06/99 | 12/07/99 | 12/07/99 |
| alidated | Y | Y | Y | Y | Y | Y | | | |
| to_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| roj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **ort** | **c_050** | **c_051** | **c_052** | **c_053** | **c_054** | **c_055** | **c_056** | **c_057** | **c_058** |
| NDRIN KETONE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-CHLORDANE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR | | | | | | | 0.05 UJ | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| SODRIN | | | | | | | 0.1 U | 0.1 U | 0.1 U |
| KEPONE | | | | | | | 1 UJ | 1 U | 1 U |
| METHOXYCHLOR | | | | | | | 0.1 U | 0.1 UJ | 0.1 UJ |
| SULFOTEPP | | | | | | | 100 U | 1 U | 1 U |
| TOXAPHENE | | | | | | | 2 U | 2 U | 2 U |
| **rganoPhPesticides (ug/L)** | | | | | | | | | |
| DIMETHOATE | | | | | | | 100 UJ | 1 UJ | 1 UJ |
| DISULFOTON | | | | | | | 100 U | 1 U | 1 U |
| FAMPHUR | | | | | | | 100 U | 1 U | 1 U |
| METHYL PARATHION | | | | | | | 100 U | 1 U | 1 U |
| PHORATE | | | | | | | 100 U | 1 U | 1 U |
| THIONAZIN | | | | | | | 100 U | 1 U | 1 U |
| **erbicides (ug/L)** | | | | | | | | | |
| 2,4,5-T | | | | | | | 1 U | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | | | | | | | 1 U | 1 U | 1 U |
| 2,4-D | | | | | | | 4 U | 4 U | 4 U |
| DINOSEB | | | | | | | 0.6 UR | 0.6 UJ | 0.6 UJ |
| **norganics (ug/L)** | | | | | | | | | |
| ALUMINUM | | | | | | | 73.6 U | 73.6 U | 73.6 U |
| ANTIMONY | | | | | | | 2.6 U | 2.6 U | 2.6 U |
| ARSENIC | | | | | | | 2.7 U | 9 | 2.7 U |
| BARIUM | | | | | | | 30.2 J | 12.8 J | 26.7 J |
| BERYLLIUM | | | | | | | 0.3 U | 0.3 U | 0.3 U |
| CADMIUM | | | | | | | 0.2 U | 0.2 U | 0.2 U |
| CALCIUM | | | | | | | 102000 | 105000 | 93100 |
| CHROMIUM | | | | | | | 2.5 | 1.6 U | 1.6 U |
| COBALT | | | | | | | 0.7 U | 0.7 U | 0.7 U |
| COPPER | | | | | | | 3 | 1.1 U | 1.1 U |
| IRON | | | | | | | 207 | 2570 | 81.3 U |
| LEAD | | | | | | | 1.5 U | 1.5 U | 1.5 U |
| MAGNESIUM | | | | | | | 32200 | 43900 | 23200 |
| MANGANESE | | | | | | | 83.6 | 137 | 14.3 |
| MERCURY | | | | | | | 0.11 U | 0.11 U | 0.11 U |
| MOLYBDENUM | | | | | | | | | |
| NICKEL | | | | | | | 1.3 U | 1.3 U | 1.3 U |
| POTASSIUM | | | | | | | 27600 | 29100 | 14300 |
| SELENIUM | | | | | | | 4.7 U | 4.7 U | 4.7 U |
| SILVER | | | | | | | 1.6 U | 1.6 U | 1.6 U |
| SODIUM | | | | | | | 87100 | 59300 | 55700 |
| THALLIUM | 0.27 U | 0.44 U | 0.14 U | 0.45 U | 0.76 U | 0.18 U | 7.1 U | 7.1 U | 7.9 |
| TIN | | | | | | | 2.5 U | 2.5 U | 2.5 U |
| VANADIUM | | | | | | | 1.4 | 3.9 | 1.7 |
| ZINC | | | | | | | 223 | 1.7 U | 6.1 U |
| **iscellaneous Parameters (mg/L)** | | | | | | | | | |
| CYANIDE (ug/L) | | | | | | | 2.2 UJ | 2.2 UJ | 2.2 UJ |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 050 | 051 | 052 | 053 | 054 | 055 | 056 | 057 | 058 |
|---|---|---|---|---|---|---|---|---|---|
| ioc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | BLDG | ECHO | ECHO | | ECHO |
| ound | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| ocation | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02I | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-AC-GW-DPW02S | MPT-EP-DPW02I | MPT-EP-DPW02I | AOC C | MPT-EP-DPW04S |
| isample | MPT-ACDPW02I-RS-AVG | MPT-ACDPW02I-RS-D | MPT-ACDPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-ACDPW02S-RS-D | MPT-EP-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| iample | MPT-ACDPW02I-RS-AVG | MPT-DU02-RS | MPT-AC-DPW02S-RS | MPT-ACDPW02S-RS-AVG | MPT-DU01-RS | MPT-AC-DPW02I-RS | MPT-EP-GW-DPW02I-01 | MPT-EP-GW-MW03S-01 | MPT-EP-GW-MW04S-01 |
| natrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| iacode | AVG | DUP | DUP | AVG | DUP | NORMAL | NORMAL | NORMAL | NORMAL |
| op_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| ottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| is_date | 20030425 | 20030425 | 20030425 | 20030425 | 20030425 | 20030424 | 19991206 | 19991207 | 19991207 |
| ample_dat | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/25/03 | 04/24/03 | 12/06/99 | 12/07/99 | 12/07/99 |
| alidated | Y | Y | Y | Y | Y | Y | | | |
| to_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| roj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| ort | c_050 | c_051 | c_052 | c_053 | c_054 | c_055 | c_056 | c_057 | c_058 |
| NITRATE | | | | | | | | | |
| NITRITE | | | | | | | | | |
| SULFATE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_059 | c_060 | c_061 | c_062 | c_063 | c_064 | c_065 | c_066 | c_067 | c_068 |
| **Volatile Organics (ug/L)** | | | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,1-DICHLOROETHANE | 1 U | 0.63 J | 1 U | 1 U | 1.8 | 1 U | | | | |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 1 U | 0.22 J | 1 U | 1 U | | | | |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-CHLOROETHYL VINYL ETHER | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | | | | |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | |
| CARBON DISULFIDE | 1 U | 1 U | 1 U | 0.11 J | 1 U | 1 U | | | | |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROMETHANE | 0.48 J | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| CIS-1,2-DICHLOROETHENE | 0.5 U | 0.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | | | | |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| DICHLORODIFLUOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 U | | | | |
| METHACRYLONITRILE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| METHANE | | | | | | | | | | |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| METHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| METHYL TERT-BUTYL ETHER | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| PROPIONITRILE | 4 UR | 4 U | 4 U | 4 U | 4 UR | 4 UR | | | | |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_059** | **c_060** | **c_061** | **c_062** | **c_063** | **c_064** | **c_065** | **c_066** | **c_067** | **c_068** |
| TOTAL 1,2-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | | | | |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TRICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | |
| VINYL ACETATE | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U | 1 U | | | | |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | | | | |
| **Semivolatile Organics (ug/L)** | | | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3,5-TRINITROBENZENE | 10 UR | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,4-DINITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-ACETYLAMINOFLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3,3'-DIMETHYLBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |

from wed_sam dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_059 | c_060 | c_061 | c_062 | c_063 | c_064 | c_065 | c_066 | c_067 | c_068 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | | | | |
| 4-NITROQUINOLINE-1-OXIDE | 10 U | 10 UJ | 10 UR | 10 UJ | 10 U | 10 U | | | | |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 UJ | 10 UJ | 10 UJ | 10 U | 10 U | | | | |
| A,A-DIMETHYLPHENETHYLAMINE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | | | | |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ARAMITE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 7.3 U | 5 U | 5 U | 5 U | | | | |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| CHLOROBENZILATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | 10 U | 10 U | | | | |
| DINOSEB | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ETHYL PARATHION | | | | | | | | | | |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | | | | |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ISODRIN | | | | | | | | | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 10 UJ | 10 UJ | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_059** | **c_060** | **c_061** | **c_062** | **c_063** | **c_064** | **c_065** | **c_066** | **c_067** | **c_068** |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | | | | | | | | |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | | | | |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENACETIN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PHENOL | 10 U | 1.5 J | 10 U | 10 U | 10 U | 10 U | | | | |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| PYRIDINE | 10 U | 10 U | 10 U | 2.6 J | 10 U | 10 U | | | | |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | | | | |
| SULFOTEPP | | | | | 50 U | 50 U | | | | |
| THIONAZIN | | | | | 50 U | 50 U | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | | | |
| 4,4'-DDD | | | | | | | | | | |
| 4,4'-DDE | | | | | | | | | | |
| 4,4'-DDT | | | | | | | | | | |
| ALDRIN | | | | | | | | | | |
| ALPHA-BHC | | | | | | | | | | |
| ALPHA-CHLORDANE | | | | | | | | | | |
| AROCLOR-1016 | | | | | | | | | | |
| AROCLOR-1221 | | | | | | | | | | |
| AROCLOR-1232 | | | | | | | | | | |
| AROCLOR-1242 | | | | | | | | | | |
| AROCLOR-1248 | | | | | | | | | | |
| AROCLOR-1254 | | | | | | | | | | |
| AROCLOR-1260 | | | | | | | | | | |
| BETA-BHC | | | | | | | | | | |
| DELTA-BHC | | | | | | | | | | |
| DIELDRIN | | | | | | | | | | |
| ENDOSULFAN I | | | | | | | | | | |
| ENDOSULFAN II | | | | | | | | | | |
| ENDOSULFAN SULFATE | | | | | | | | | | |
| ENDRIN | | | | | | | | | | |
| ENDRIN ALDEHYDE | | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

aoc c (sample set mod)
3/7/20078:56 AM
full appendix results

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_059** | **c_060** | **c_061** | **c_062** | **c_063** | **c_064** | **c_065** | **c_066** | **c_067** | **c_068** |
| ENDRIN KETONE | | | | | | | | | | |
| GAMMA-BHC (LINDANE) | | | | | | | | | | |
| GAMMA-CHLORDANE | | | | | | | | | | |
| HEPTACHLOR | | | | | | | | | | |
| HEPTACHLOR EPOXIDE | | | | | | | | | | |
| ISODRIN | | | | | | | | | | |
| KEPONE | | | | | | | | | | |
| METHOXYCHLOR | | | | | | | | | | |
| SULFOTEPP | | | | | | | | | | |
| TOXAPHENE | | | | | | | | | | |
| **OrganoPhPesticides (ug/L)** | | | | | | | | | | |
| DIMETHOATE | | | | | | | | | | |
| DISULFOTON | | | | | | | | | | |
| FAMPHUR | | | | | | | | | | |
| METHYL PARATHION | | | | | | | | | | |
| PHORATE | | | | | | | | | | |
| THIONAZIN | | | | | | | | | | |
| **Herbicides (ug/L)** | | | | | | | | | | |
| 2,4,5-T | | | | | | | | | | |
| 2,4,5-TP (SILVEX) | | | | | | | | | | |
| 2,4-D | | | | | | | | | | |
| DINOSEB | | | | | | | | | | |
| **Inorganics (ug/L)** | | | | | | | | | | |
| ALUMINUM | 34.7 U | 49.0 U | 38.5 U | 68.3 U | 119 U | 139 U | | | | |
| ANTIMONY | 3.1 U | 3.1 U | 3.1 U | 3.1 U | 5 U | 5 U | | | | |
| ARSENIC | 2.9 U | 11 | 2.9 U | 2.9 U | 2.4 U | 2.4 U | | | | |
| BARIUM | 9.2 | 32.7 | 6.9 | 5.7 | 9.3 | 5.6 | | | | |
| BERYLLIUM | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.1 U | 0.13 U | | | | |
| CADMIUM | 0.30 U | 0.30 U | 0.30 U | 0.30 U | 0.28 U | 0.28 U | | | | |
| CALCIUM | 147000 | 92400 | 130000 | 61600 | 123000 | 141000 | | | | |
| CHROMIUM | 0.84 U | 3.6 U | 5.1 | 5.1 | 1.4 U | 2.3 | | | | |
| COBALT | 0.70 U | 0.70 U | 0.70 U | 0.70 U | 1.3 U | 1.3 U | | | | |
| COPPER | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 6.8 | 0.77 U | | | | |
| IRON | 1180 | 1400 | 1000 | 570 | 1690 | 487 | | | | |
| LEAD | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 4.3 U | 1.8 U | | | | |
| MAGNESIUM | 10200 | 25700 | 5550 | 2510 | 13200 | 20100 | | | | |
| MANGANESE | 138 J | 34.9 J | 107 J | 14.8 J | 124 | 204 | | | | |
| MERCURY | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.1 U | 0.1 U | | | | |
| MOLYBDENUM | | | | | 5.8 | 3.4 | | | | |
| NICKEL | 5.4 | 6 | 5.3 | 4.1 | 2 | 26.3 | | | | |
| POTASSIUM | 3120 | 15200 | 5960 | 931 | 4390 | 16800 | | | | |
| SELENIUM | 4.9 U | 4.9 U | 4.9 U | 4.9 U | 4.2 U | 4.5 U | | | | |
| SILVER | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.5 U | 1.5 U | | | | |
| SODIUM | 11700 | 65600 | 15300 | 8540 | 17400 | 71700 | | | | |
| THALLIUM | 6.3 U | 6.3 U | 6.3 U | 6.3 U | 8 U | 8 U | 0.10 U | 0.43 U | 0.29 U | 0.63 U |
| TIN | 2.8 U | 2.8 U | 2.8 U | 2.8 U | 5.7 U | 5.7 U | | | | |
| VANADIUM | 0.80 U | 0.80 U | 0.80 U | 0.80 U | 0.89 U | 1.1 | | | | |
| ZINC | 5.3 U | 13.6 U | 28.4 | 11.2 U | 3.5 U | 5.9 U | | | | |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | | | |
| CYANIDE (ug/L) | 10 U | 10 UJ | 10 UJ | 10 UJ | 5.5 | 10 U | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 059 | 060 | 061 | 062 | 063 | 064 | 065 | 066 | 067 | 068 |
|---|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C - BLDG 1490 | C | C | C | C |
| ou | | | | | | | | | | |
| round | 2000Q2 | 2000Q3 | 2000Q3 | 2000Q3 | 2001Q1 | 2001Q1 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 |
| location | MPT-G4-B07 | MPT-G4-B34 | MPT-G4-B35 | MPT-G4-B40 | MPT-G4-B66 | MPT-G4-B67 | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03DD | MPT-TC-DPW03I |
| nsample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| sample | MPT-G4-GW-07-05 | MPT-G4-GW-34-05 | MPT-G4-GW-35-05 | MPT-G4-GW-40-04 | MPT-G4-GW66-05 | MPT-G4-GW67-05 | MPT-TC-DPW02D-RS | MPT-TC-DPW03D-RS | MPT-TC-DPW03DD-RS | MPT-TC-DPW03I-RS |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20000627 | 20000707 | 20000707 | 20000707 | 20010305 | 20010305 | 20030422 | 20030422 | 20030422 | 20030422 |
| sample_dat | 06/27/00 | 07/07/00 | 07/07/00 | 07/07/00 | 03/05/01 | 03/05/01 | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 |
| validated | L | L | L | L | Y | Y | Y | Y | Y | Y |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_059 | c_060 | c_061 | c_062 | c_063 | c_064 | c_065 | c_066 | c_067 | c_068 |
| NITRATE | | | | | | | | | | |
| NITRITE | | | | | | | | | | |
| SULFATE | | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_069 | c_070 | c_071 | c_072 | c_073 | c_074 | c_075 | c_076 | c_077 |
| **Volatile Organics (ug/L)** | | | | | | | | | |
| 1,1 1,2-TETRACHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1,1,1-TRICHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1 1,2-TRICHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1,1-DICHLOROETHANE | | | | | | | 1 U | 1 U | 2 8 J |
| 1,1-DICHLOROETHENE | | | | | | | 1 U | 1 U | 0 85 J |
| 1,2 3-TRICHLOROPROPANE | | | | | | | 1 U | 1 U | 5 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | | | | | | | 1 U | 1 U | 5 U |
| 1,2-DIBROMOETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1,2-DICHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| 1,2-DICHLOROPROPANE | | | | | | | 1 U | 1 U | 5 U |
| 2-BUTANONE | | | | | | | 10 U | 10 U | 50 U |
| 2-CHLOROETHYL VINYL ETHER | | | | | | | 1 UR | 1 UR | 5 UR |
| 2-HEXANONE | | | | | | | 10 U | 10 U | 50 U |
| 3-CHLOROPROPENE | | | | | | | 1 U | 1 U | 5 U |
| 4-METHYL-2-PENTANONE | | | | | | | 10 U | 10 U | 50 U |
| ACETONE | | | | | | | 10 U | 10 U | 50 U |
| ACETONITRILE | | | | | | | 20 UR | 20 UR | 100 UR |
| ACROLEIN | | | | | | | 10 UR | 10 UR | 50 UR |
| ACRYLONITRILE | | | | | | | 10 U | 10 U | 50 U |
| BENZENE | | | | | | | 1 U | 1 U | 5 U |
| BROMODICHLOROMETHANE | | | | | | | 1 U | 1 U | 5 U |
| BROMOFORM | | | | | | | 1 U | 1 U | 5 U |
| BROMOMETHANE | | | | | | | 2 U | 2 U | 10 U |
| CARBON DISULFIDE | | | | | | | 1 U | 1 U | 5 U |
| CARBON TETRACHLORIDE | | | | | | | 1 U | 1 U | 5 U |
| CHLOROBENZENE | | | | | | | 1 U | 1 U | 5 U |
| CHLORODIBROMOMETHANE | | | | | | | 1 U | 1 U | 5 U |
| CHLOROETHANE | | | | | | | 1 U | 1 U | 5 U |
| CHLOROFORM | | | | | | | 1 U | 1 U | 5 U |
| CHLOROMETHANE | | | | | | | 1 U | 1 U | 5 U |
| CHLOROPRENE | | | | | | | 1 U | 1 U | 5 U |
| CIS-1,2-DICHLOROETHENE | | | | | | | 0.5 U | 0.5 U | 57 |
| CIS-1,3-DICHLOROPROPENE | | | | | | | 1 U | 1 U | 5 U |
| DIBROMOMETHANE | | | | | | | 1 U | 1 U | 5 U |
| DICHLORODIFLUOROMETHANE | | | | | | | 1 UJ | 1 UJ | 5 UJ |
| ETHYL METHACRYLATE | | | | | | | 1 U | 1 U | 5 U |
| ETHYLBENZENE | | | | | | | 1 U | 1 U | 5 U |
| ISOBUTANOL | | | | | | | 50 UR | 50 UR | 250 UR |
| METHACRYLONITRILE | | | | | | | 1 UJ | 1 UJ | 5 UJ |
| METHANE | | | | | | | | | |
| METHYL IODIDE | | | | | | | 1 U | 1 U | 5 U |
| METHYL METHACRYLATE | | | | | | | 1 UJ | 1 UJ | 5 UJ |
| METHYL TERT-BUTYL ETHER | | | | | | | | | |
| METHYLENE CHLORIDE | | | | | | | 1 U | 1 U | 5 U |
| PROPIONITRILE | | | | | | | 4 UR | 4 UR | 20 UR |
| STYRENE | | | | | | | 1 U | 1 U | 5 U |
| TETRACHLOROETHENE | | | | | | | 1 U | 1 U | 5 U |
| TOLUENE | | | | | | | 1 U | 1 U | 5 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_069** | **c_070** | **c_071** | **c_072** | **c_073** | **c_074** | **c_075** | **c_076** | **c_077** |
| TOTAL 1,2-DICHLOROETHENE | | | | | | | 1 U | 1 U | 74 |
| TOTAL XYLENES | | | | | | | 1 U | 1 U | 5 U |
| TRANS-1,2-DICHLOROETHENE | | | | | | | 0.5 U | 0.5 U | 17 |
| TRANS-1,3-DICHLOROPROPENE | | | | | | | 1 U | 1 U | 5 U |
| TRANS-1,4-DICHLORO-2-BUTENE | | | | | | | 1 U | 1 U | 5 U |
| TRICHLOROETHENE | | | | | | | 1 U | 1 U | 81 |
| TRICHLOROFLUOROMETHANE | | | | | | | 2 U | 2 U | 10 U |
| VINYL ACETATE | | | | | | | 1 U | 1 U | 5 U |
| VINYL CHLORIDE | | | | | | | 1 U | 1 U | 5 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | | | | | | | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | | | | | | | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | | | | | | | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | | | | | | | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | | | | | | | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | | | | | | | 10 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | | | | | | | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | | | | | | | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| 2-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 2-NITROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 2-PICOLINE | | | | | | | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | | | | | | | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | | | | | | | 10 U | 10 U | 10 UJ |
| 3-METHYLCHOLANTHRENE | | | | | | | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 3-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | | | | | | | 10 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | | | | | | | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | | | | | | | 10 U | 10 U | 10 U |

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_069 | c_070 | c_071 | c_072 | c_073 | c_074 | c_075 | c_076 | c_077 |
| 4-CHLOROPHENYL PHENYL ETHER | | | | | | | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | | | | | | | 10 U | 10 U | 10 U |
| 4-NITROANILINE | | | | | | | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | | | | | | | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | | | | | | | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | | | | | | | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | | | | | | | 50 UJ | 50 UJ | 50 U |
| ACENAPHTHENE | | | | | | | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | | | | | | | 10 U | 10 U | 10 U |
| ACETOPHENONE | | | | | | | 10 U | 10 U | 10 U |
| ANILINE | | | | | | | 10 U | 10 U | 10 U |
| ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| ARAMITE | | | | | | | 10 UJ | 10 UJ | 10 U |
| BENZO(A)ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | | | | | | | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | | | | | | | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | | | | | | | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | | | | | | | 5 U | 5 U | 5 U |
| BUTYL BENZYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| CARBAZOLE | | | | | | | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | | | | | | | 10 UJ | 10 UJ | 10 UJ |
| CHRYSENE | | | | | | | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DIALLATE | | | | | | | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | | | | | | | 10 U | 10 U | 10 U |
| DIBENZOFURAN | | | | | | | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | | | | | | | 10 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | | | | | | | 10 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | | |
| DIPHENYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | | | | | | | 10 U | 10 U | 10 U |
| ETHYL PARATHION | | | | | | | 1 U | 1 U | 1 U |
| FLUORANTHENE | | | | | | | 10 U | 10 U | 10 U |
| FLUORENE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | | | | | | | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | | | | | | | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | | | | | | | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | | | | | | | 10 U | 10 U | 10 U |
| ISODRIN | | | | | | | | | |
| ISOPHORONE | | | | | | | 10 U | 10 U | 10 U |
| ISOSAFROLE | | | | | | | 10 U | 10 U | 10 U |
| METHAPYRILENE | | | | | | | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_069** | **c_070** | **c_071** | **c_072** | **c_073** | **c_074** | **c_075** | **c_076** | **c_077** |
| METHYL METHANE SULFONATE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | | | | | | | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | | | | | | | 10 U | 10 U | 10 U |
| NAPHTHALENE | | | | | | | 10 U | 10 U | 10 U |
| NITROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | | | | | 10 U | 10 U | 10 U |
| O-TOLUIDINE | | | | | | | 1 U | 1 U | 1 U |
| P-(DIMETHYLAMINO)AZOBENZENE | | | | | | | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | | | | | | | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | | | | | | | 10 U | 10 U | 10 U |
| PENTACHLORONITROBENZENE | | | | | | | 50 U | 50 U | 50 U |
| PENTACHLOROPHENOL | | | | | | | 10 U | 10 U | 10 U |
| PHENACETIN | | | | | | | 10 U | 10 U | 10 U |
| PHENANTHRENE | | | | | | | 10 UJ | 10 UJ | 10 U |
| PHENOL | | | | | | | 10 U | 10 U | 10 U |
| PRONAMIDE | | | | | | | 10 U | 10 U | 10 U |
| PYRENE | | | | | | | 10 U | 10 U | 10 U |
| PYRIDINE | | | | | | | 10 U | 10 U | 10 U |
| SAFROLE | | | | | | | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | 10 U | 10 U | 10 U |
| THIONAZIN | | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | | |
| 4,4'-DDD | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| 4,4'-DDT | | | | | | | 0.05 U | 0.011 J | 0.05 UJ |
| ALDRIN | | | | | | | 0.05 U | 0.0062 J | 0.05 U |
| ALPHA-BHC | | | | | | | 0.05 U | 0.0074 R | 0.05 U |
| ALPHA-CHLORDANE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| AROCLOR-1016 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1221 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1232 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1242 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1248 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1254 | | | | | | | 1 U | 1 U | 1 U |
| AROCLOR-1260 | | | | | | | 1 U | 1 U | 1 U |
| BETA-BHC | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| DELTA-BHC | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| DIELDRIN | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN I | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDOSULFAN II | | | | | | | 0.05 U | 0.05 UJ | 0.05 U |
| ENDOSULFAN SULFATE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ENDRIN | | | | | | | 0.05 U | 0.05 UJ | 0.05 U |
| ENDRIN ALDEHYDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |

from wed_sam.dbf
from wed_res dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_069** | **c_070** | **c_071** | **c_072** | **c_073** | **c_074** | **c_075** | **c_076** | **c_077** |
| ENDRIN KETONE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | | | | | | | 0.05 U | 0.008 R | 0.05 U |
| GAMMA-CHLORDANE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | | | | | | | 0.05 U | 0.05 U | 0.05 U |
| ISODRIN | | | | | | | 0.1 U | 0.024 R | 0.1 U |
| KEPONE | | | | | | | 1 U | 1 U | 1 U |
| METHOXYCHLOR | | | | | | | 0.1 U | 0.1 UJ | 0.1 UJ |
| SULFOTEPP | | | | | | | 1 U | 1 U | 1 U |
| TOXAPHENE | | | | | | | 2 U | 2 U | 2 U |
| **OrganoPhPesticides (ug/L)** | | | | | | | | | |
| DIMETHOATE | | | | | | | 1 UJ | 1 UJ | 1 U |
| DISULFOTON | | | | | | | 1 U | 1 U | 1 U |
| FAMPHUR | | | | | | | 1 U | 1 U | 1 U |
| METHYL PARATHION | | | | | | | 1 U | 1 U | 1 U |
| PHORATE | | | | | | | 1 U | 1 U | 1 U |
| THIONAZIN | | | | | | | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | | |
| 2,4,5-T | | | | | | | 1 U | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | | | | | | | 1 U | 1 U | 1 U |
| 2,4-D | | | | | | | 4 U | 4 U | 4 U |
| DINOSEB | | | | | | | 0.6 UJ | 0.6 UJ | 0.6 UJ |
| **Inorganics (ug/L)** | | | | | | | | | |
| ALUMINUM | | | | | | | 73.6 U | 73.6 U | 73.6 U |
| ANTIMONY | | | | | | | 2.6 U | 3.2 | 2.6 U |
| ARSENIC | | | | | | | 2.7 U | 2.7 U | 2.7 U |
| BARIUM | | | | | | | 2.2 U | 30.9 J | 2.6 J |
| BERYLLIUM | | | | | | | 0.3 U | 0.3 U | 0.3 U |
| CADMIUM | | | | | | | 0.2 U | 0.22 | 0.2 U |
| CALCIUM | | | | | | | 71600 | 157000 | 92100 |
| CHROMIUM | | | | | | | 1.6 U | 4 | 1.6 U |
| COBALT | | | | | | | 0.7 U | 0.7 U | 0.7 U |
| COPPER | | | | | | | 1.1 U | 1.1 U | 1.1 U |
| IRON | | | | | | | 30.2 U | 1710 | 23.1 U |
| LEAD | | | | | | | 1.5 U | 1.5 U | 1.5 U |
| MAGNESIUM | | | | | | | 46800 | 23100 | 24400 |
| MANGANESE | | | | | | | 91 | 134 | 27.5 |
| MERCURY | | | | | | | 0.11 U | 0.11 U | 0.11 U |
| MOLYBDENUM | | | | | | | | | |
| NICKEL | | | | | | | 1.5 | 2.9 | 1.4 |
| POTASSIUM | | | | | | | 23600 | 3890 | 4330 |
| SELENIUM | | | | | | | 4.7 U | 4.7 U | 4.7 U |
| SILVER | | | | | | | 1.6 U | 1.6 U | 1.6 U |
| SODIUM | | | | | | | 188000 | 11400 | 18500 |
| THALLIUM | 0.30 U | 0.20 U | 0.13 U | 0.27 U | 0.10 U | 0.10 U | 7.5 | 7.3 | 7.1 U |
| TIN | | | | | | | 2.5 U | 2.5 U | 2.5 U |
| VANADIUM | | | | | | | 0.75 | 0.5 U | 0.5 U |
| ZINC | | | | | | | 4.4 U | 6.5 U | 11.5 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | | |
| CYANIDE (ug/L) | | | | | | | 2.6 U | 2.9 U | 2.2 UJ |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sqi_server\mayport\upload

| order | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | | | | | | | | | |
| round | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 2003Q2 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW03S | MPT-TC-DPW04S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I | MPT-TC-DPW01SD | MPT-TC-DPW01SD | MPT-TC-DPW02D |
| nsample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| sample | MPT-TC-DPW03S-RS | MPT-TC-DPW04S-RS | MPT-TC-DPW06I-RS | MPT-TC-DPW06S-RS | MPT-TC-DPW09D-RS | MPT-TC-DPW09I-RS | MPT-TC-GW-DPW01D-01 | MPT-TC-GW-DPW01S-01 | MPT-TC-GW-DPW02D-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 20030422 | 20030422 | 20030422 | 20030422 | 20030423 | 20030423 | 19991130 | 19991130 | 19991203 |
| sample_dat | 04/22/03 | 04/22/03 | 04/22/03 | 04/22/03 | 04/23/03 | 04/23/03 | 11/30/99 | 11/30/99 | 12/03/99 |
| validated | Y | Y | Y | Y | Y | Y | | | |
| cto_proj | 0123 | 0123 | 0123 | 0123 | 0123 | 0123 | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_069** | **c_070** | **c_071** | **c_072** | **c_073** | **c_074** | **c_075** | **c_076** | **c_077** |
| NITRATE | | | | | | | | | |
| NITRITE | | | | | | | | | |
| SULFATE | | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_078 | c_079 | c_080 | c_081 | c_082 | c_083 | c_084 | c_085 |
| **Volatile Organics (ug/L)** | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 3.1 | 0.26 J | 1 U | 1 U | 0.21 J | 1.7 U | 23 | 0.45 J |
| 1,1-DICHLOROETHENE | 0.84 J | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1.7 | 0.48 J |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 0.081 J | 1 U |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 UR | 1 UR | 1 UR | 1 UR | 1 UR | 1.7 UR | 1 UR | 1 UR |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U |
| ACETONE | 10 U | 10 U | 10 U | 10 U | 10 U | 23 U | 10 U | 10 U |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 33 UR | 20 UR | 20 UR |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 17 UR | 10 UR | 10 UR |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 17 U | 10 U | 10 U |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 3.3 U | 2 U | 2 U |
| CARBON DISULFIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLOROBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLOROFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.24 J | 2.9 | 1.1 | 0.5 U | 0.5 U | 0.83 U | 2.9 | 33 |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.7 UJ | 1 UJ | 1 UJ |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 83 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.7 UJ | 1 UR | 1 UJ |
| METHANE | | | | | | | | |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| METHYL METHACRYLATE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1.7 UJ | 1 UJ | 1 UJ |
| METHYL TERT-BUTYL ETHER | | | | | | | | |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 6.6 UR | 4 UR | 4 UR |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| TETRACHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 3.4 |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_078** | **c_079** | **c_080** | **c_081** | **c_082** | **c_083** | **c_084** | **c_085** |
| TOTAL 1,2-DICHLOROETHENE | 0.24 J | 3 | 1.1 | 1 U | 1 U | 1.7 U | 3.1 | 34 |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.12 J | 0.07 J | 0.5 U | 0.5 U | 0.83 U | 0.11 J | 1.2 |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| TRICHLOROETHENE | 0.27 J | 0.078 J | 0.3 J | 0.15 J | 1 U | 1.7 U | 1.2 | 23 |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 3.3 U | 2 U | 2 U |
| VINYL ACETATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 U | 1 U | 0.27 J |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | 25 UR | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 10 U |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 25 U |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 UJ | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 10 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 25 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_078 | c_079 | c_080 | c_081 | c_082 | c_083 | c_084 | c_085 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| A,A-DIMETHYLPHENETHYLAMINE | 50 U | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ARAMITE | 10 U | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5.8 U |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| CHLOROBENZILATE | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 UR | 10 U | 10 U | 10 U | 10 U |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 U | 10 UR | 10 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ETHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISODRIN | | | | | | | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_078 | c_079 | c_080 | c_081 | c_082 | c_083 | c_084 | c_085 |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENACETIN | 10 U | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PHENOL | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| 4,4'-DDE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| 4,4'-DDT | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 U |
| ALDRIN | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ALPHA-BHC | 0.05 U | 0.1 R | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ALPHA-CHLORDANE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| AROCLOR-1016 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1221 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1232 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1242 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1248 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1254 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| AROCLOR-1260 | 1 U | 20 U | 1 U | 1 U | 1 U | 10 U | 1 U | 1 U |
| BETA-BHC | 0.05 U | 0.069 J | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.035 R |
| DELTA-BHC | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| DIELDRIN | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ENDOSULFAN I | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ENDOSULFAN II | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ |
| ENDRIN | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_078** | **c_079** | **c_080** | **c_081** | **c_082** | **c_083** | **c_084** | **c_085** |
| ENDRIN KETONE | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.076 J | 0.05 U | 0.05 U | 0.05 UJ | 0.052 R | 0.0081 J | 0.05 U |
| GAMMA-CHLORDANE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.019 R | 0.05 U |
| HEPTACHLOR | 0.05 U | 0.087 R | 0.05 U | 0.05 U | 0.05 UJ | 0.028 R | 0.05 U | 0.05 U |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 UJ | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U |
| ISODRIN | 0.1 U | 0.1 UJ | 0.069 R | 0.0064 R | 0.1 UJ | 0.1 UJ | 0.1 U | 0.1 U |
| KEPONE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U | 1 U |
| METHOXYCHLOR | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| SULFOTEPP | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOXAPHENE | 2 U | 2 UJ | 2 U | 2 U | 2 UJ | 2 UJ | 2 U | 2 U |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FAMPHUR | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PHORATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| THIONAZIN | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4,5-TP (SILVEX) | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,4-D | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U |
| DINOSEB | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 73.6 U | 187 | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 73.6 U |
| ANTIMONY | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U | 2.6 U |
| ARSENIC | 9.2 J | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U | 2.7 U |
| BARIUM | 52.7 J | 48.5 J | 4.6 J | 5.8 J | 5.4 J | 3.1 J | 11.4 J | 3.6 J |
| BERYLLIUM | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U |
| CADMIUM | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| CALCIUM | 199000 | 42900 | 75900 | 128000 | 66800 | 87600 | 34500 | 98600 |
| CHROMIUM | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| COBALT | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| COPPER | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| IRON | 3540 | 973 | 57.1 U | 346 | 87.8 U | 315 | 410 | 32 U |
| LEAD | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |
| MAGNESIUM | 376000 | 74100 | 26700 | 21600 | 54300 | 23200 | 38100 | 30800 |
| MANGANESE | 191 | 27 | 103 | 121 | 20.1 | 147 | 31.6 | 31.7 |
| MERCURY | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.3 U | 13.5 | 1.3 U | 1.3 U | 1.8 | 3.4 | 1.7 | 1.3 U |
| POTASSIUM | 198000 | 80800 | 6420 | 4170 | 16100 | 4710 | 42900 | 4570 |
| SELENIUM | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U |
| SILVER | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| SODIUM | 3490000 | 1050000 | 18500 | 15300 | 24200 | 16100 | 283000 | 26900 |
| THALLIUM | 10.7 | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U | 7.1 U |
| TIN | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| VANADIUM | 0.5 U | 0.5 U | 0.59 | 0.5 U | 1.4 | 0.5 U | 0.66 | 0.89 |
| ZINC | 9.2 U | 17.6 U | 12 U | 4 U | 50.2 | 16.2 U | 13.4 U | 8.2 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 2.2 UJ | 4 U | 2.2 UJ | 2.2 UJ | 4 U | 4 U | 4 U | 3 U |

from wed_sam dbf
from wed_res dbf
from wed_res xls
from q:\sql_servedmayport\upload

| order | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 |
| location | MPT-TC-DPW02D | MPT-TC-DPW03D | MPT-TC-DPW03I | MPT-TC-DPW03S | MPT-TC-DPW06SI | MPT-TC-DPW06SI | MPT-TC-DPW09D | MPT-TC-DPW09I |
| nsample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| sample | MPT-TC-GW-DPW02DD-01 | MPT-TC-GW-DPW03D-01 | MPT-TC-GW-DPW03I-01 | MPT-TC-GW-DPW03S-01 | MPT-TC-GW-DPW06I-01 | MPT-TC-GW-DPW06S-01 | MPT-TC-GW-DPW09D-01 | MPT-TC-GW-DPW09I-01 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991202 | 19991202 | 19991202 | 19991202 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/02/99 | 12/02/99 | 12/02/99 | 12/02/99 |
| validated | | | | | | | | |
| cto_proj | | | | | | | | |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_078 | c_079 | c_080 | c_081 | c_082 | c_083 | c_084 | c_085 |
| NITRATE | | | | | | | | |
| NITRITE | | | | | | | | |
| SULFATE | | | | | | | | |

from wed_sam dbf
from wed_res dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_086 | c_087 | c_088 | c_089 | c_090 | c_091 | c_092 | c_093 |
| Volatile Organics (ug/L) | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-DICHLOROETHANE | 1 U | 0.35 J | 0.275 J | 0.2 J | 18 | 16 | 14 | 1 U |
| 1,1-DICHLOROETHENE | 1 U | 1 U | 1 U | 1 U | 7.8 J | 6.7 J | 5.6 J | 0.17 J |
| 1,2,3-TRICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DIBROMOETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-DICHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 0.27 J | 0.22 J | 0.17 J | 1 U |
| 1,2-DICHLOROPROPANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-BUTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 UR | 1 UR | 1 UR | 1 UR | 1 UR | 1 UR | 1 UR | 1 U |
| 2-HEXANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3-CHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONE | 10 U | 5 U | 7.5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| ACETONITRILE | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR | 20 UR |
| ACROLEIN | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR | 10 UR |
| ACRYLONITRILE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| BENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMODICHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| BROMOMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| CARBON DISULFIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CARBON TETRACHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROBENZENE | 1 U | 1 U | 0.086 J | 0.086 J | 1 U | 1 U | 1 U | 1 U |
| CHLORODIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROFORM | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CHLOROPRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.14 J | 3.1 J | 2.5 J | 1.9 J | 0.34 J | 0.32 J | 0.3 J | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DIBROMOMETHANE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| DICHLORODIFLUOROMETHANE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| ETHYL METHACRYLATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ETHYLBENZENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ISOBUTANOL | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR | 50 UR |
| METHACRYLONITRILE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| METHANE | | | | | | | | |
| METHYL IODIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| METHYL METHACRYLATE | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 U |
| METHYL TERT-BUTYL ETHER | | | | | | | | 5 U |
| METHYLENE CHLORIDE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| PROPIONITRILE | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 UR | 4 U |
| STYRENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TETRACHLOROETHENE | 0.83 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TOLUENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res xls
from q:\sql_server\mayport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_086 | c_087 | c_088 | c_089 | c_090 | c_091 | c_092 | c_093 |
| TOTAL 1,2-DICHLOROETHENE | 0.14 J | 3.2 J | 2.6 J | 2 J | 0.34 J | 0.32 J | 0.3 J | 1 U |
| TOTAL XYLENES | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U | 0.11 J | 0.0945 J | 0.079 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TRICHLOROETHENE | 0.62 J | 0.1 J | 0.0825 J | 0.065 J | 0.12 J | 0.1095 J | 0.099 J | 1 U |
| TRICHLOROFLUOROMETHANE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| VINYL ACETATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| VINYL CHLORIDE | 1 U | 0.13 J | 0.13 J | 1 U | 0.47 J | 0.405 J | 0.34 J | 1 U |
| **Semivolatile Organics (ug/L)** | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,2-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,3,5-TRINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,3-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,3-DINITROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,4-DICHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,4-DIOXANE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U | 10 U | 10 U | 10 U | 13 | 14.5 | 16 | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 1-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 UJ | 11.5 UJ | 10 U | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,4-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,4-DINITROPHENOL | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 2,4-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,6-DICHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2,6-DINITROTOLUENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-CHLORONAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-CHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-METHYLNAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-NAPHTHYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 2-NITROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 2-PICOLINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U | 10 UR | 10 UR | 10 UR | 13 U | 11.5 U | 10 U | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 UJ | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 3-METHYLCHOLANTHRENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 3-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 4-AMINOBIPHENYL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 4-CHLOROANILINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_086 | c_087 | c_088 | c_089 | c_090 | c_091 | c_092 | c_093 |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 4-METHYLPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 4-NITROANILINE | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 4-NITROPHENOL | 25 U | 25 U | 25 U | 25 U | 33 U | 29 U | 25 U | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UR | 10 UR | 10 UR | 10 UR | 13 UR | 11.5 UR | 10 UR | 10 UJ |
| 5-NITRO-O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| 7.12-DIMETHYLBENZ(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 UJ |
| A,A-DIMETHYLPHENETHYLAMINE | 50 U | 50 UJ | 50 UJ | 50 UJ | 66 U | 58 U | 50 U | 50 U |
| ACENAPHTHENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ACENAPHTHYLENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ACETOPHENONE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ANILINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ARAMITE | 10 U | 10 UJ | 10 UJ | 10 UJ | 13 UJ | 11.5 UJ | 10 U | 10 U |
| BENZO(A)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BENZO(A)PYRENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BENZO(B)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BENZO(K)FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BENZYL ALCOHOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U | 12 U | 8.5 U | 5 U | 97 U | 51 U | 5 U | 5 U |
| BUTYL BENZYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| CARBAZOLE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| CHLOROBENZILATE | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 13 UJ | 11.5 UJ | 10 UJ | 10 U |
| CHRYSENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DIALLATE | 20 U | 20 U | 20 U | 20 U | 27 U | 23.5 U | 20 U | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DIBENZOFURAN | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DIETHYL PHTHALATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| DIMETHYL PHTHALATE | 10 UR | 10 UR | 10 UR | 10 UR | 13 UR | 11.5 UR | 10 UR | 10 UR |
| DINOSEB | | | | | | | | 20 U |
| DIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ETHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ETHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| FLUORANTHENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| FLUORENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| HEXACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| HEXACHLOROBUTADIENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 UR | 10 UR | 10 UR | 10 UR | 13 UR | 11.5 UR | 10 UR | 10 UR |
| HEXACHLOROETHANE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| HEXACHLOROPROPENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ISODRIN | | | | | | | | |
| ISOPHORONE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| ISOSAFROLE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| METHAPYRILENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server...wport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_086 | c_087 | c_088 | c_089 | c_090 | c_091 | c_092 | c_093 |
| METHYL METHANE SULFONATE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSODIETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSOMORPHOLINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSOPIPERIDINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| N-NITROSOPYRROLIDINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| NAPHTHALENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| NITROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| O-TOLUIDINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PENTACHLOROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PENTACHLOROETHANE | 50 U | 50 U | 50 U | 50 U | 66 U | 58 U | 50 U | 50 U |
| PENTACHLORONITROBENZENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PENTACHLOROPHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PHENACETIN | 10 U | 10 UJ | 10 UJ | 10 UJ | 13 U | 11.5 U | 10 U | 10 U |
| PHENANTHRENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PHENOL | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PRONAMIDE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PYRENE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| PYRIDINE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| SAFROLE | 10 U | 10 U | 10 U | 10 U | 13 U | 11.5 U | 10 U | 10 U |
| SULFOTEPP | | | | | | | | |
| THIONAZIN | | | | | | | | |
| **Pesticides/PCBs (ug/L)** | | | | | | | | |
| 4,4'-DDD | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | |
| 4,4'-DDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| 4,4'-DDT | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | |
| ALDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ALPHA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ALPHA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| AROCLOR-1016 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1221 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1232 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1242 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1248 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1254 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| AROCLOR-1260 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| BETA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| DELTA-BHC | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| DIELDRIN | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ENDOSULFAN I | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ENDOSULFAN II | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 U | 0.05 U | 0.05 U | |
| ENDOSULFAN SULFATE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ENDRIN | 0.05 U | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | 0.05 UJ | |
| ENDRIN ALDEHYDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_086** | **c_087** | **c_088** | **c_089** | **c_090** | **c_091** | **c_092** | **c_093** |
| ENDRIN KETONE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| GAMMA-BHC (LINDANE) | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| GAMMA-CHLORDANE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| HEPTACHLOR | 0.05 U | 0.0056 R | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| HEPTACHLOR EPOXIDE | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | |
| ISODRIN | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | |
| KEPONE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| METHOXYCHLOR | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 U | |
| SULFOTEPP | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| TOXAPHENE | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | |
| **OrganoPhPesticides (ug/L)** | | | | | | | | |
| DIMETHOATE | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ | |
| DISULFOTON | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| FAMPHUR | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| METHYL PARATHION | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| PHORATE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| THIONAZIN | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| **Herbicides (ug/L)** | | | | | | | | |
| 2,4,5-T | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| 2,4,5-TP (SILVEX) | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | |
| 2,4-D | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 0.095 R | |
| DINOSEB | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UJ | 0.6 UR | 0.6 UR | 0.6 UR | |
| **Inorganics (ug/L)** | | | | | | | | |
| ALUMINUM | 73.6 U | 128 | 82.4 | 73.6 U | 73.6 U | 73.6 U | 73.6 U | 190 |
| ANTIMONY | 2.6 U | 2.6 U | 2.35 | 3.4 | 2.6 U | 2.6 U | 2.6 U | 3.1 U |
| ARSENIC | 3.1 | 4.6 | 4.3 | 4 | 2.7 U | 2.7 U | 2.7 U | 2.9 U |
| BARIUM | 1.6 U | 45.8 J | 45.65 J | 45.5 J | 3.3 J | 3.3 J | 3.3 J | 10.2 |
| BERYLLIUM | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.20 U |
| CADMIUM | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.30 U |
| CALCIUM | 69100 | 35900 | 35150 | 34400 | 91500 | 94750 | 98000 | 110000 |
| CHROMIUM | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 0.80 U |
| COBALT | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.70 U |
| COPPER | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.5 U |
| IRON | 102 U | 833 | 767.5 | 702 | 847 | 876.5 | 906 | 2010 |
| LEAD | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.3 U |
| MAGNESIUM | 6030 | 65700 | 64200 | 62700 | 18800 | 19600 | 20400 | 4860 |
| MANGANESE | 41.7 | 22.8 | 22.75 | 22.7 | 38.6 | 40 | 41.4 | 172 J |
| MERCURY | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.10 U |
| MOLYBDENUM | | | | | | | | |
| NICKEL | 1.3 U | 1.7 | 2.85 | 4 | 1.3 U | 1.3 U | 1.3 U | 1.5 |
| POTASSIUM | 1120 | 80200 | 79750 | 79300 | 9620 | 10010 | 10400 | 2980 |
| SELENIUM | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.7 U | 4.9 U |
| SILVER | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.0 U |
| SODIUM | 9270 | 1150000 | 1125000 | 1100000 | 17900 | 18600 | 19300 | 25500 |
| THALLIUM | 7.1 U | 7.1 U | 6.775 | 10 | 7.6 | 5.575 | 7.1 U | 6.3 U |
| TIN | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.8 U |
| VANADIUM | 3.2 | 0.5 U | 0.5 U | 0.5 U | 2.8 | 2.65 | 2.5 | 0.80 U |
| ZINC | 10.2 U | 9.8 U | 12.9 U | 16 U | 4.9 U | 4.95 U | 5 U | 12.9 U |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | |
| CYANIDE (ug/L) | 2.2 UJ | 6 U | 4.5 U | 3 U | 2.2 UJ | 2.2 UJ | 2.2 UJ | 10 UJ |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

| order | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 |
|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | OIL WASTE COLL SYS |
| ou | | | | | | | | |
| round | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 1999Q4 | 2000Q3 |
| location | MPT-TC-DPW04S | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW03DD | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-TC-DPW07D | MPT-47-DPW04S |
| nsample | MPT-TC-GW-MW04S-01 | MPT-TC-GWDPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GWDPW03DD-01-D | MPT-TC-GWDPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GWDPW07D-01-D | MPT-G4-GW-39-04 |
| sample | MPT-TC-GW-MW04S-01 | MPT-TC-GW-DPW03DD-01 | MPT-TC-GWDPW03DD-01-AVG | MPT-TC-GW-DU01 | MPT-TC-GW-DPW07D-01 | MPT-TC-GWDPW07D-01-AVG | MPT-TC-GW-DU02 | MPT-G4-GW-39-04 |
| matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| sacode | NORMAL | DUP | AVG | DUP | DUP | AVG | DUP | NORMAL |
| top_depth | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| bottom_dep | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 | -9999 |
| gis_date | 19991203 | 19991201 | 19991201 | 19991201 | 19991206 | 19991206 | 19991206 | 20000707 |
| sample_dat | 12/03/99 | 12/01/99 | 12/01/99 | 12/01/99 | 12/06/99 | 12/06/99 | 12/06/99 | 07/07/00 |
| validated | | | | | | | | L |
| cto_proj | | | | | | | | 0123 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_086 | c_087 | c_088 | c_089 | c_090 | c_091 | c_092 | c_093 |
| NITRATE | | | | | | | | |
| NITRITE | | | | | | | | |
| SULFATE | | | | | | | | |

from wed_sam.dbf
from wed_res.dbf
from wed_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_001 | c_002 | c_003 | c_004 | c_005 | c_006 | c_007 | c_008 | c_009 |
| **Volatile Organics (ug/kg)** | | | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 5.9 U | 7.3 U | 6.2 UJ | 7.1 UJ | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,1,1-TRICHLOROETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,1,2,2-TETRACHLOROETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,1,2-TRICHLOROETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,1-DICHLOROETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,1-DICHLOROETHENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,2,3-TRICHLOROPROPANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 12 UJ | 15 UJ | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| 1,2-DIBROMOETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROBENZENE | | | | | | 6 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROPROPANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| 1,3-DICHLOROBENZENE | | | | | | 6 U | 6 U | 6 U | 6 U |
| 1,4-DICHLOROBENZENE | | | | | | 6 U | 6 U | 6 U | 6 U |
| 1,4-DIOXANE | | | | | | 230 R | 260 R | 250 R | 230 R |
| 2-BUTANONE | 24 U | 29 U | 25 U | 28 U | 24 U | 12 R | 13 R | 12 R | 11 R |
| 2-CHLOROETHYL VINYL ETHER | 59 U | 73 U | 62 U | 71 U | 59 U | 12 U | 13 U | 12 U | 11 U |
| 2-HEXANONE | 24 U | 29 U | 25 U | 28 U | 24 U | 12 U | 13 U | 12 U | 11 U |
| 3-CHLOROPROPENE | 12 U | 15 U | 12 U | 14 U | 12 U | 6 U | 6 U | 6 U | 6 U |
| 4-CHLORO-3-METHYLPHENOL | | | | | | 380 U | 430 U | 400 U | 370 U |
| 4-METHYL-2-PENTANONE | 24 U | 29 U | 25 U | 28 U | 24 U | 12 U | 13 U | 12 U | 11 U |
| ACETONE | 24 U | 29 U | 25 U | 28 U | 24 U | 12 U | 13 U | 12 U | 11 U |
| ACETONITRILE | 120 UR | 150 UR | 120 UR | 140 UR | 120 UR | 120 U | 130 U | 120 U | 110 U |
| ACROLEIN | 120 UR | 150 UR | 120 UR | 140 UR | 120 UR | 120 UJ | 130 UJ | 120 UJ | 110 UJ |
| ACRYLONITRILE | 120 UR | 150 UR | 120 U | 140 U | 120 U | 120 U | 130 U | 120 U | 110 U |
| BENZENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| BROMODICHLOROMETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| BROMOFORM | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| BROMOMETHANE | 12 U | 15 U | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| CARBON DISULFIDE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 1 J | 6 U | 6 U | 6 U |
| CARBON TETRACHLORIDE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| CHLOROBENZENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| CHLORODIBROMOMETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| CHLOROETHANE | 12 U | 15 U | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| CHLOROFORM | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| CHLOROMETHANE | 12 U | 15 U | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| CHLOROPRENE | 5.9 U | 7.3 U | 6.2 UJ | 7.1 UJ | 5.9 U | 230 U | 260 U | 250 U | 230 U |
| CIS-1,2-DICHLOROETHENE | 3 U | 3.7 U | 3.1 U | 3.5 U | 3 U | | | | |
| CIS-1,3-DICHLOROPROPENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| DIBROMOMETHANE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| DICHLORODIFLUOROMETHANE | 12 U | 15 U | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| ETHYL METHACRYLATE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| ETHYLBENZENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| ISOBUTANOL | 240 UR | 290 UR | 250 UR | 280 UR | 240 UR | 230 R | 260 R | 250 R | 230 R |
| METHACRYLONITRILE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| METHYL IODIDE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 12 U | 13 U | 12 U | 11 U |
| METHYL METHACRYLATE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 12 U | 13 U | 12 U | 11 U |
| METHYL TERT-BUTYL ETHER | 24 U | 29 U | 25 U | 28 U | 24 U | | | | |
| METHYLENE CHLORIDE | 5.9 U | 7.3 U | 3.8 J | 3.8 J | 5.9 U | 2 J | 4 J | 4 J | 1 J |
| PENTACHLOROETHANE | | | | | | 12 U | 13 U | 12 U | 11 U |
| PROPIONITRILE | 24 UR | 29 UR | 25 U | 28 U | 24 U | 120 U | 130 U | 120 U | 110 U |
| STYRENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TETRACHLOROETHENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TOLUENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TOTAL 1,2-DICHLOROETHENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TOTAL XYLENES | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TRANS-1,2-DICHLOROETHENE | 3 U | 3.7 U | 3.1 U | 3.5 U | 3 U | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TRICHLOROETHENE | 5.9 U | 7.3 U | 6.2 U | 7.1 U | 5.9 U | 6 U | 6 U | 6 U | 6 U |
| TRICHLOROFLUOROMETHANE | 12 U | 15 U | 12 U | 14 U | 12 U | 6 U | 6 U | 6 U | 2 J |
| VINYL ACETATE | 12 UJ | 15 UJ | 12 U | 14 U | 12 UJ | 12 U | 13 U | 12 U | 11 U |
| VINYL CHLORIDE | 12 U | 15 U | 12 U | 14 U | 12 U | 12 U | 13 U | 12 U | 11 U |
| **Semivolatile Organics (ug/kg)** | | | | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 1,2,4-TRICHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 1,2-DICHLOROBENZENE | 400 UR | 430 UR | 370 U | 430 U | 420 U | | | | |
| 1,2-DIPHENYLHYDRAZINE | | | | | | 380 U | 430 U | 400 U | 370 U |
| 1,3,5-TRINITROBENZENE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 380 U | 430 U | 400 U | 370 U |
| 1,3-DICHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| 1,3-DINITROBENZENE | 400 UJ | 430 UJ | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 1,4-DICHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| 1,4-DIOXANE | 400 U | 430 U | 370 UJ | 430 UJ | 420 U | | | | |
| 1,4-NAPHTHOQUINONE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 38000 U | 43000 R | 40000 R | 37000 R |
| 1,4-PHENYLENEDIAMINE | 4000 U | 4300 U | 3700 U | 4300 U | 4200 U | 19000 UJ | 21000 UJ | 20000 UJ | 18000 UJ |
| 1-NAPHTHYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2,3,4,6-TETRACHLOROPHENOL | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 380 U | 430 U | 400 U | 370 U |
| 2,4,5-TRICHLOROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 1900 U | 2100 U | 2000 U | 1800 U |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| 2,4,6-TRICHLOROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2,4-DICHLOROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2,4-DIMETHYLPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2,4-DINITROPHENOL | 1900 UJ | 2100 UJ | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 2,4-DINITROTOLUENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2,6-DICHLOROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |
| 2,6-DINITROTOLUENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-ACETYLAMINOFLUORENE | 4000 U | 4300 U | 3700 U | 4300 U | 4200 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |
| 2-CHLORONAPHTHALENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-CHLOROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-METHYLNAPHTHALENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-METHYLPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-NAPHTHYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| 2-NITROANILINE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 2-NITROPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 2-PICOLINE | 800 U | 870 U | 740 U | 850 U | 830 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 3&4-METHYLPHENOL | | | | | | 380 U | 430 U | 400 U | 370 U |
| 3,3'-DICHLOROBENZIDINE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 770 U | 860 U | 810 U | 750 U |
| 3,3'-DIMETHYLBENZIDINE | 1900 U | 2100 U | 1800 UJ | 2100 UJ | 2000 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |
| 3-METHYLCHOLANTHRENE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| 3-METHYLPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| 3-NITROANILINE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 4,6-DINITRO-2-METHYLPHENOL | 1900 UJ | 2100 UJ | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 4-AMINOBIPHENYL | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| 4-BROMOPHENYL PHENYL ETHER | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 4-CHLORO-3-METHYLPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| 4-CHLOROANILINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 4-CHLOROPHENYL PHENYL ETHER | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| 4-METHYLPHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| 4-NITROANILINE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 4-NITROPHENOL | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| 4-NITROQUINOLINE-1-OXIDE | 4000 UJ | 4300 UJ | 3700 U | 4300 U | 4200 UR | 19000 R | 21000 U | 20000 U | 18000 U |
| 5-NITRO-O-TOLUIDINE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| A,A-DIMETHYLPHENETHYLAMINE | 1900 U | 2100 U | 1800 UJ | 2100 UJ | 2000 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| ACENAPHTHENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| ACENAPHTHYLENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| ACETOPHENONE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| ANILINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| ANTHRACENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| ARAMITE | 800 U | 870 U | 740 U | 850 U | 830 U | 1900 U | 2100 U | 2000 U | 1800 U |
| BENZIDINE | | | | | | 1900 UJ | 2100 U | 2000 U | 1800 U |
| BENZO(A)ANTHRACENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BENZO(A)PYRENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BENZO(B)FLUORANTHENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BENZO(G,H,I)PERYLENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |
| BENZO(K)FLUORANTHENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BENZOIC ACID | | | | | | 1900 U | 2100 U | 2000 U | 1800 U |
| BENZYL ALCOHOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BIS(2-CHLOROETHOXY)METHANE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BIS(2-CHLOROETHYL)ETHER | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| BUTYL BENZYL PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| CARBAZOLE | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| CHLOROBENZILATE | 400 U | 430 U | 370 U | 430 U | 420 U | 25 U | 26 U | 24 U | 22 U |
| CHRYSENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DI-N-BUTYL PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DI-N-OCTYL PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DIALLATE | 800 U | 870 U | 740 U | 850 U | 830 U | 49 U | 51 U | 49 U | 45 U |
| DIBENZO(A,H)ANTHRACENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 UJ | 400 UJ | 370 UJ |
| DIBENZOFURAN | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DIETHYL PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DIMETHYL PHTHALATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| DINOSEB | 800 UJ | 870 UJ | 740 U | 850 U | 830 UJ | | | | |
| DIPHENYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | | | | |
| ETHYL METHANE SULFONATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| FLUORANTHENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| FLUORENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| HEXACHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| HEXACHLOROBUTADIENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| HEXACHLOROCYCLOPENTADIENE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 380 U | 430 U | 400 U | 370 U |
| HEXACHLOROETHANE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| HEXACHLOROPHENE | | | | | | 19000 R | 21000 UJ | 20000 UJ | 18000 UJ |
| HEXACHLOROPROPENE | 4000 U | 4300 U | 3700 U | 4300 U | 4200 U | 1900 UJ | 2100 U | 2000 U | 1800 U |
| INDENO(1,2,3-CD)PYRENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |
| ISODRIN | | | | | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ISOPHORONE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| ISOSAFROLE | 800 U | 870 U | 740 U | 850 U | 830 U | 1900 U | 2100 U | 2000 U | 1800 U |
| METHAPYRILENE | 1900 U | 2100 U | 1800 UJ | 2100 UJ | 2000 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| METHYL METHANE SULFONATE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 UJ | 430 UJ | 400 UJ | 370 UJ |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| N-NITROSO-DI-N-BUTYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSO-DI-N-PROPYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSODIETHYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSODIMETHYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSODIPHENYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSOMETHYLETHYLAMINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSOMORPHOLINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSOPIPERIDINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| N-NITROSOPYRROLIDINE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| NAPHTHALENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| NITROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| O-TOLUIDINE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| PENTACHLOROBENZENE | 400 U | 430 U | 370 U | 430 U | 420 U | 1900 U | 2100 U | 2000 U | 1800 U |
| PENTACHLOROETHANE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | | | | |
| PENTACHLORONITROBENZENE | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| PENTACHLOROPHENOL | 1900 U | 2100 U | 1800 U | 2100 U | 2000 U | 1900 U | 2100 U | 2000 U | 1800 U |
| PHENACETIN | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| PHENANTHRENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| PHENOL | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| PRONAMIDE | 800 U | 870 U | 740 U | 850 U | 830 U | 380 U | 430 U | 400 U | 370 U |
| PYRENE | 400 U | 430 U | 370 U | 430 U | 420 U | 380 U | 430 U | 400 U | 370 U |
| PYRIDINE | 800 U | 870 U | 740 U | 850 U | 830 U | 1900 U | 2100 U | 2000 U | 1800 U |
| SAFROLE | 800 U | 870 U | 740 U | 850 U | 830 U | 1900 UJ | 2100 UJ | 2000 UJ | 1800 UJ |
| SULFOTEPP | | | 1800 U | 2100 U | | | | | |
| THIONAZIN | | | 1800 U | 2100 U | | | | | |
| **Pesticides/PCBs (ug/kg)** | | | | | | | | | |
| 4,4'-DDD | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| 4,4'-DDE | 1.1 J | 2.9 | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| 4,4'-DDT | 2.1 U | 3.2 | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| ALDRIN | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ALPHA-BHC | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ALPHA-CHLORDANE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | | | | |
| AROCLOR-1016 | 40 U | 43 U | 37 U | 43 U | | 41 U | 42 U | 40 U | 37 U |
| AROCLOR-1221 | 40 U | 43 U | 37 U | 43 U | | 83 U | 86 U | 82 U | 75 U |
| AROCLOR-1232 | 40 U | 43 U | 37 U | 43 U | | 83 U | 86 U | 82 U | 75 U |
| AROCLOR-1242 | 40 U | 43 U | 37 U | 43 U | | 41 U | 42 U | 40 U | 37 U |
| AROCLOR-1248 | 40 U | 43 U | 37 U | 43 U | | 41 U | 42 U | 40 U | 37 U |
| AROCLOR-1254 | 40 U | 43 U | 37 U | 43 U | | 21 U | 22 U | 21 U | 19 U |
| AROCLOR-1260 | 40 U | 43 U | 37 U | 43 U | | 21 U | 22 U | 21 U | 19 U |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| BETA-BHC | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| CHLORDANE | | | | | | 8.3 U | 8.6 U | 8.2 U | 19 |
| DELTA-BHC | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| DIELDRIN | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ENDOSULFAN I | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ENDOSULFAN II | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| ENDOSULFAN SULFATE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| ENDRIN | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| ENDRIN ALDEHYDE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| ENDRIN KETONE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 1.6 U | 1.7 U | 1.6 U | 1.5 U |
| GAMMA-BHC (LINDANE) | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| GAMMA-CHLORDANE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | | | | |
| HEPTACHLOR | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| HEPTACHLOR EPOXIDE | 2.1 U | 2.2 U | 1.9 U | 2.2 U | | 0.83 U | 0.86 U | 0.82 U | 0.75 U |
| ISODRIN | 4 U | 4.3 U | 3.7 U | 4.3 U | | | | | |
| KEPONE | 40 U | 43 U | 37 UJ | 43 UJ | | 49 U | 51 U | 49 U | 45 U |
| METHOXYCHLOR | 4 U | 4.3 U | 3.7 U | 4.3 U | | 3.3 U | 3.5 U | 3.3 U | 3 U |
| TOXAPHENE | 81 U | 88 U | 75 U | 86 U | | 41 U | 42 U | 40 U | 37 U |
| **OrganoPhos Pesticides (ug/kg)** | | | | | | | | | |
| DIMETHOATE | | | 10 J | 43 U | | | | | |
| DISULFOTON | | | 37 U | 43 U | | | | | |
| ETHYL PARATHION | | | 37 U | 43 U | | | | | |
| FAMPHUR | | | 37 U | 43 U | | | | | |
| METHYL PARATHION | | | 37 U | 43 U | | | | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | 37 U | 43 U | | | | | |
| PHORATE | | | 37 U | 43 U | | | | | |
| SULFOTEPP | | | 37 U | 43 U | | | | | |
| THIONAZIN | | | 37 U | 43 U | | | | | |
| **Herbicides (ug/kg)** | | | | | | | | | |
| 2,4,5-T | | | 23 U | 26 U | | | | | |
| 2,4,5-TP (SILVEX) | | | 23 U | 26 U | | | | | |
| 2,4-D | | | 90 U | 100 U | | | | | |
| DINOSEB | | | 14 U | 15 U | | | | | |
| **Inorganics (mg/kg)** | | | | | | | | | |
| ALUMINUM | 434 J | 167 J | 402 J | 424 J | 51.3 J | | | | |
| ANTIMONY | 0.52 U | 0.57 U | 0.35 U | 0.4 U | 0.39 U | 1.2 U | 1.3 U | 1.2 U | 1.1 U |
| ARSENIC | 0.75 | 0.47 U | 0.36 U | 0.41 U | 0.37 U | 0.42 UJ | 0.39 UJ | 0.88 UJ | 0.2 UJ |
| BARIUM | 6.1 | 3.7 | 5.3 | 3.8 | 1.7 | 4.1 J | 2.2 J | 2.7 J | 1.9 J |
| BERYLLIUM | 0.024 U | 0.026 U | 0.04 U | 0.04 U | 0.03 U | 0.07 J | 0.14 J | 0.15 J | 0.07 U |
| CADMIUM | 0.051 | 0.053 | 0.04 U | 0.03 U | 0.04 U | 0.28 U | 0.31 U | 0.29 U | 0.27 U |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| CALCIUM | 4590 J | 995 J | 91700 | 3480 | 159 U | | | | |
| CHROMIUM | 2.8 U | 1.3 U | 1.6 J | 1.6 | 0.7 | 0.4 U | 2.1 J | 1.9 J | 1.7 J |
| COBALT | 0.27 U | 0.29 U | 0.18 U | 0.11 U | 0.09 U | 0.72 U | 0.8 U | 0.76 U | 0.7 U |
| COPPER | 0.23 U | 0.73 U | 0.55 U | 0.43 U | 0.32 | 2.2 J | 2.1 J | 1.4 J | 1 J |
| IRON | 648 | 183 | 552 | 404 | 48.4 J | | | | |
| LEAD | 1.5 | 2.2 | 0.3 J | 0.5 | 0.85 | 0.63 J | 0.67 J | 1.3 | 1.1 |
| MAGNESIUM | 115 | 38.5 | 297 | 78.4 | 11.1 U | | | | |
| MANGANESE | 6.8 | 4.5 | 12.8 J | 3.5 | 1.4 J | | | | |
| MERCURY | 0.02 U | 0.022 U | 0.02 U | 0.02 U | 0.01 U | 0.03 U | 0.04 U | 0.03 U | 0.03 U |
| MOLYBDENUM | | | | | | | | | |
| NICKEL | 0.23 U | 0.25 U | 0.3 U | 0.26 U | 0.23 U | 1.3 U | 1.5 U | 1.4 U | 1.3 U |
| POTASSIUM | 34.5 | 21.8 | 70.1 U | 57.7 U | 8.1 U | | | | |
| SELENIUM | 0.52 U | 0.57 U | 0.56 | 0.52 U | 0.62 U | 0.12 U | 0.13 U | 0.12 U | 0.11 U |
| SILVER | 0.38 U | 0.41 U | 0.12 U | 0.14 U | 0.13 U | 0.33 UJ | 0.36 UJ | 0.34 UJ | 0.32 UJ |
| SODIUM | 69.3 | 57.8 U | 982 | 31.4 U | 34.6 U | | | | |
| THALLIUM | 0.64 U | 0.7 U | 1.2 U | 0.88 U | 0.80 U | 0.14 U | 0.16 U | 0.15 U | 0.14 U |
| TIN | 2.1 | 2.2 | 1.6 U | 1.4 U | 1.6 U | 3.2 U | 4.4 J | 3.3 U | 4.8 J |
| VANADIUM | 1.3 | 0.97 | 1.2 J | 0.78 U | 0.7 | 1.8 J | 1.4 J | 1.9 J | 1.8 J |
| ZINC | 3.7 J | 38.2 J | 3.3 J | 4.8 | 2.0 U | 2.4 UJ | 2.8 J | 3.3 J | 3.4 J |
| **Miscellaneous Parameters (mg/kg)** | | | | | | | | | |
| CYANIDE | 0.61 U | 0.66 U | 0.56 U | 0.64 U | 0.63 U | 0.09 J | 0.13 J | 0.17 J | 0.15 J |
| **SPLP Inorganics (ug/L)** | | | | | | | | | |
| ALUMINUM | | | | | | | | | |
| ANTIMONY | | | | | | | | | |
| ARSENIC | | | | | | | | | |
| BARIUM | | | | | | | | | |
| BERYLLIUM | | | | | | | | | |
| CADMIUM | | | | | | | | | |
| CALCIUM | | | | | | | | | |
| CHROMIUM | | | | | | | | | |
| COBALT | | | | | | | | | |
| COPPER | | | | | | | | | |
| IRON | | | | | | | | | |
| LEAD | | | | | | | | | |
| MAGNESIUM | | | | | | | | | |
| MANGANESE | | | | | | | | | |
| MERCURY | | | | | | | | | |
| NICKEL | | | | | | | | | |
| POTASSIUM | | | | | | | | | |
| SELENIUM | | | | | | | | | |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sb-
subsurface soil
full appendix results

| order | 001 | 002 | 003 | 004 | 005 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C | C | C | C |
| ou | BLDG | BLDG | BLDG | BLDG | | | | | |
| swmu | | | | | 47,53 | | | | |
| round | 2000Q3 | 2000Q3 | 2000Q4 | 2000Q4 | 2000Q2 | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | MPT-AC-SU-01 | MPT-AC-SU-02 | MPT-AC-SS03 | MPT-AC-SS04 | MPT-G4-B07 | TCS00101 | MPT-TC-MW06S | TCS00301 | TCS00401 |
| nsample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| sample | MPT-AC-SU-01-05 | MPT-AC-SU-02-05 | MPT-AC-SU03-04 | MPT-AC-SU04-04 | MPT-G4-SU-07-05 | TCB00103 | TCB00203 | TCB00303 | TCB00403 |
| matrix | SB | SB | SB | SB | SO | SO | SO | SO | SO |
| top_depth | 4 | 4 | 3 | 3 | -9999 | 3 | 3 | 3 | 3 |
| bottom_dep | 5 | 5 | 4 | 4 | -9999 | 3 | 3 | 3 | 3 |
| gis_date | 20000802 | 20000802 | 20001128 | 20001128 | 20000627 | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 08/02/00 | 08/02/00 | 11/28/00 | 11/28/00 | 06/27/00 | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | L | L | Y | Y | L | N | N | N | N |
| cto_proj | 0123 | 0123 | 0199 | 0199 | 0123 | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_003** | **c_004** | **c_005** | **c_006** | **c_007** | **c_008** | **c_009** |
| SILVER | | | | | | | | | |
| SODIUM | | | | | | | | | |
| THALLIUM | | | | | | | | | |
| VANADIUM | | | | | | | | | |
| ZINC | | | | | | | | | |
| **Miscellaneous Parameters (mg/L)** | | | | | | | | | |
| CYANIDE | | | | | | | | | |

from newaocsb_sam.dbf
from newaocsb_res.dbf
from newaocsb_res.xls
from q:\sql_server\mayport\upload

sed-
SD
full appendix results

| | |
|---|---|
| order | 001 |
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| phase | |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SD01-01 |
| sample | MPT-AC-SD01-01 |
| matrix | SD |
| depth_rang | 0 - 1 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| validated | Y |

| sort | c_001 |
|---|---|
| **Volatile Organics (ug/kg)** | |
| 1,1,1-TRICHLOROETHANE | 7.1 U |
| 1,1,2,2-TETRACHLOROETHANE | 7.1 U |
| 1,1,2-TRICHLOROETHANE | 7.1 U |
| 1,1-DICHLOROETHANE | 7.1 U |
| 1,1-DICHLOROETHENE | 1.2 J |
| 1,2-DICHLOROETHANE | 7.1 U |
| 1,2-DICHLOROPROPANE | 7.1 U |
| 2-BUTANONE | 28 U |
| 2-HEXANONE | 28 U |
| 4-METHYL-2-PENTANONE | 28 U |
| ACETONE | 28 U |
| BENZENE | 7.1 U |
| BROMODICHLOROMETHANE | 7.1 U |
| BROMOFORM | 7.1 U |
| BROMOMETHANE | 14 UJ |
| CARBON DISULFIDE | 3.1 J |
| CARBON TETRACHLORIDE | 7.1 U |
| CHLOROBENZENE | 7.1 U |
| CHLORODIBROMOMETHANE | 7.1 U |
| CHLOROETHANE | 14 U |
| CHLOROFORM | 7.1 U |
| CHLOROMETHANE | 14 U |
| CIS-1,2-DICHLOROETHENE | 3.5 U |
| CIS-1,3-DICHLOROPROPENE | 7.1 U |
| ETHYLBENZENE | 7.1 U |
| METHYLENE CHLORIDE | 7.1 U |
| STYRENE | 7.1 U |
| TETRACHLOROETHENE | 1.5 J |
| TOLUENE | 7.1 U |
| TOTAL 1,2-DICHLOROETHENE | 7.1 U |
| TOTAL XYLENES | 7.1 U |
| TRANS-1,2-DICHLOROETHENE | 3.5 U |
| TRANS-1,3-DICHLOROPROPENE | 7.1 U |
| TRICHLOROETHENE | 7.1 U |
| VINYL CHLORIDE | 14 U |
| **Semivolatile Organics (ug/kg)** | |
| 1,2,4-TRICHLOROBENZENE | 420 U |
| 1,2-DICHLOROBENZENE | 420 U |
| 1,3-DICHLOROBENZENE | 420 U |
| 1,4-DICHLOROBENZENE | 420 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 420 U |
| 2,4,5-TRICHLOROPHENOL | 420 U |
| 2,4,6-TRICHLOROPHENOL | 420 U |
| 2,4-DICHLOROPHENOL | 420 U |
| 2,4-DIMETHYLPHENOL | 420 U |
| 2,4-DINITROPHENOL | 2100 U |
| 2,4-DINITROTOLUENE | 420 U |
| 2,6-DINITROTOLUENE | 420 U |
| 2-CHLORONAPHTHALENE | 420 U |
| 2-CHLOROPHENOL | 420 U |
| 2-METHYLNAPHTHALENE | 420 U |
| 2-METHYLPHENOL | 420 U |
| 2-NITROANILINE | 2100 U |
| 2-NITROPHENOL | 420 U |
| 3,3'-DICHLOROBENZIDINE | 2100 U |
| 3-NITROANILINE | 2100 U |
| 4,6-DINITRO-2-METHYLPHENOL | 2100 U |
| 4-BROMOPHENYL PHENYL ETHER | 420 U |
| 4-CHLORO-3-METHYLPHENOL | 420 U |
| 4-CHLOROANILINE | 420 U |
| 4-CHLOROPHENYL PHENYL ETHER | 420 U |

from newaocsd_sam.dbf
from newaocsd_res.dbf
from newaocsd_res.xls
from q:\sql_server\mayport\upload

| | |
|---|---|
| 4-METHYLPHENOL | 420 U |
| 4-NITROANILINE | 2100 U |
| 4-NITROPHENOL | 2100 U |
| ACENAPHTHENE | 420 U |
| ACENAPHTHYLENE | 420 U |
| ANTHRACENE | 420 U |
| BENZO(A)ANTHRACENE | 420 U |
| BENZO(A)PYRENE | 420 U |
| BENZO(B)FLUORANTHENE | 420 U |
| BENZO(G,H,I)PERYLENE | 420 U |
| BENZO(K)FLUORANTHENE | 420 U |
| BIS(2-CHLOROETHOXY)METHANE | 420 U |
| BIS(2-CHLOROETHYL)ETHER | 420 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 420 U |
| BUTYL BENZYL PHTHALATE | 420 U |
| CARBAZOLE | 420 U |
| CHRYSENE | 420 U |
| DI-N-BUTYL PHTHALATE | 420 U |
| DI-N-OCTYL PHTHALATE | 420 U |
| DIBENZO(A,H)ANTHRACENE | 420 U |
| DIBENZOFURAN | 420 U |
| DIETHYL PHTHALATE | 420 U |
| DIMETHYL PHTHALATE | 420 U |
| FLUORANTHENE | 420 U |
| FLUORENE | 420 U |
| HEXACHLOROBENZENE | 420 U |
| HEXACHLOROBUTADIENE | 420 U |
| HEXACHLOROCYCLOPENTADIENE | 2100 U |
| HEXACHLOROETHANE | 420 U |
| INDENO(1,2,3-CD)PYRENE | 420 U |
| ISOPHORONE | 420 U |
| N-NITROSO-DI-N-PROPYLAMINE | 420 U |
| N-NITROSODIPHENYLAMINE | 420 U |
| NAPHTHALENE | 420 U |
| NITROBENZENE | 420 U |
| PENTACHLOROPHENOL | 420 U |
| PHENANTHRENE | 420 U |
| PHENOL | 420 U |
| PYRENE | 420 U |

**Pesticides/PCBs (ug/kg)**

| | |
|---|---|
| 4,4'-DDD | 2.2 UJ |
| 4,4'-DDE | 2.2 U |
| 4,4'-DDT | 2.2 U |
| ALDRIN | 2.2 U |
| ALPHA-BHC | 2.2 U |
| ALPHA-CHLORDANE | 2.2 U |
| AROCLOR-1016 | 42 U |
| AROCLOR-1221 | 42 U |
| AROCLOR-1232 | 42 U |
| AROCLOR-1242 | 42 U |
| AROCLOR-1248 | 42 U |
| AROCLOR-1254 | 42 U |
| AROCLOR-1260 | 42 U |
| BETA-BHC | 2.2 U |
| DELTA-BHC | 2.2 U |
| DIELDRIN | 2.2 U |
| ENDOSULFAN I | 2.2 U |
| ENDOSULFAN II | 2.2 U |
| ENDOSULFAN SULFATE | 2.2 U |
| ENDRIN | 2.2 U |
| ENDRIN ALDEHYDE | 2.2 U |
| ENDRIN KETONE | 2.2 U |
| GAMMA-BHC (LINDANE) | 2.2 U |
| GAMMA-CHLORDANE | 2.2 U |
| HEPTACHLOR | 2.2 U |
| HEPTACHLOR EPOXIDE | 2.2 U |
| METHOXYCHLOR | 4.2 U |
| TOXAPHENE | 86 U |

**Inorganics (mg/kg)**

| | |
|---|---|
| ALUMINUM | 317 J |
| ANTIMONY | 0.55 U |
| ARSENIC | 0.98 |
| BARIUM | 2.4 J |
| BERYLLIUM | 0.03 U |
| CADMIUM | 0.05 U |
| CALCIUM | 565 |
| CHROMIUM | 1.3 U |
| COBALT | 0.84 |
| COPPER | 0.25 U |

from newaocsd_sam.dbf
from newaocsd_res dbf
from newaocsd_res xls
from q:\sql_server\mayport\upload

| | |
|---|---|
| IRON | 493 J |
| LEAD | 0.32 |
| MAGNESIUM | 35.6 |
| MANGANESE | 1.9 |
| MERCURY | 0.02 U |
| NICKEL | 1.3 |
| POTASSIUM | 13.1 U |
| SELENIUM | 0.55 U |
| SILVER | 0.4 U |
| SODIUM | 56.5 U |
| THALLIUM | 0.68 U |
| VANADIUM | 0.36 U |
| ZINC | 1.2 U |
| **Miscellaneous Parameters (mg/kg)** | |
| CYANIDE | 0.64 U |

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| sort | c_001 | c_002 | c_005 | c_006 | c_007 | c_008 |
| **Volatile Organics (ug/kg)** | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 5 U | 5 U | 6.8 UJ | 6.5 UJ | 5 U | 6 U |
| 1,1,1-TRICHLOROETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,1,2-TRICHLOROETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,1-DICHLOROETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,1-DICHLOROETHENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,2,3-TRICHLOROPROPANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 10 UJ | 10 UJ | 14 U | 13 U | 10 U | 11 U |
| 1,2-DIBROMOETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,2-DICHLOROBENZENE | 5 U | 5 U | | | 5 U | 6 U |
| 1,2-DICHLOROETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,2-DICHLOROPROPANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| 1,3-DICHLOROBENZENE | 5 U | 5 U | | | 5 U | 6 U |
| 1,4-DICHLOROBENZENE | 5 U | 5 U | | | 5 U | 6 U |
| 1,4-DIOXANE | 200 R | 200 R | | | 210 R | 230 R |
| 2-BUTANONE | 10 R | 10 R | 27 U | 26 U | 10 R | 11 R |
| 2-CHLOROETHYL VINYL ETHER | 10 UJ | 10 UJ | 68 U | 65 U | 10 U | 11 U |
| 2-HEXANONE | 10 U | 10 U | 27 U | 26 U | 10 U | 11 U |
| 3-CHLOROPROPENE | 5 U | 5 U | 14 U | 13 U | 5 U | 6 U |
| 4-CHLORO-3-METHYLPHENOL | 660 U | 660 U | | | 340 U | 380 U |
| 4-METHYL-2-PENTANONE | 10 U | 10 U | 27 U | 26 U | 10 U | 11 U |
| ACETONE | 10 U | 10 U | 27 U | 26 U | 10 U | 11 U |
| ACETONITRILE | 100 UJ | 100 UJ | 140 UR | 130 UR | 100 U | 110 U |
| ACROLEIN | 100 U | 100 U | 140 UR | 130 UR | 100 UJ | 110 UJ |
| ACRYLONITRILE | 100 U | 100 U | 140 U | 130 U | 100 U | 110 U |
| BENZENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| BROMODICHLOROMETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| BROMOFORM | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| BROMOMETHANE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| CARBON DISULFIDE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| CARBON TETRACHLORIDE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| CHLOROBENZENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| CHLORODIBROMOMETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| CHLOROETHANE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| CHLOROFORM | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| CHLOROMETHANE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| CHLOROPRENE | 200 U | 200 U | 6.8 UJ | 6.5 UJ | 210 U | 230 U |
| CIS-1,2-DICHLOROETHENE | | | 3.4 U | 3.2 U | | |
| CIS-1,3-DICHLOROPROPENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| DIBROMOMETHANE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| DICHLORODIFLUOROMETHANE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| ETHYL METHACRYLATE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| ETHYLBENZENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| ISOBUTANOL | 200 R | 200 R | 270 UR | 260 UR | 210 R | 230 R |
| METHACRYLONITRILE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| METHYL IODIDE | 10 U | 10 U | 6.8 U | 6.5 U | 10 U | 11 U |
| METHYL METHACRYLATE | 10 U | 10 U | 6.8 U | 6.5 U | 10 U | 11 U |
| METHYL TERT-BUTYL ETHER | | | 27 U | 26 U | | |
| METHYLENE CHLORIDE | 5 U | 5 U | 4.5 J | 4.6 J | 5 U | 2 J |
| PENTACHLOROETHANE | 10 U | 10 U | | | 10 U | 11 U |
| PROPIONITRILE | 100 U | 100 U | 27 U | 26 U | 100 U | 110 U |
| STYRENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TETRACHLOROETHENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TOLUENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TOTAL 1,2-DICHLOROETHENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TOTAL XYLENES | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TRANS-1,2-DICHLOROETHENE | | | 3.4 U | 3.2 U | | |
| TRANS-1,3-DICHLOROPROPENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TRICHLOROETHENE | 5 U | 5 U | 6.8 U | 6.5 U | 5 U | 6 U |
| TRICHLOROFLUOROMETHANE | 5 U | 5 U | 14 U | 13 U | 5 U | 6 U |
| VINYL ACETATE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| VINYL CHLORIDE | 10 U | 10 U | 14 U | 13 U | 10 U | 11 U |
| **Semivolatile Organics (ug/kg)** | | | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 3200 U | 3200 U | 360 U | 350 U | 1700 U | 1800 U |
| 1,2,4-TRICHLOROBENZENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 1,2-DICHLOROBENZENE | | | 360 U | 350 U | | |
| 1,2-DIPHENYLHYDRAZINE | 660 U | 660 U | | | 340 U | 380 U |
| 1,3,5-TRINITROBENZENE | 660 U | 660 U | 1800 U | 1700 U | 340 U | 380 U |
| 1,3-DICHLOROBENZENE | | | 360 U | 350 U | | |
| 1,3-DINITROBENZENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 1,4-DICHLOROBENZENE | | | 360 U | 350 U | | |
| 1,4-DIOXANE | | | 360 UJ | 350 UJ | | |
| 1,4-NAPHTHOQUINONE | 66000 R | 66000 R | 1800 U | 1700 U | 34000 R | 38000 U |
| 1,4-PHENYLENEDIAMINE | 32000 UJ | 32000 UJ | 3600 U | 3500 U | 17000 UJ | 18000 UJ |
| 1-NAPHTHYLAMINE | 3200 U | 3200 U | 360 U | 350 U | 1700 UJ | 1800 UJ |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2,3,4,6-TETRACHLOROPHENOL | 660 U | 660 U | 1800 U | 1700 U | 340 U | 380 U |
| 2,4,5-TRICHLOROPHENOL | 3200 U | 3200 U | 360 U | 350 U | 1700 U | 1800 U |
| 2,4,6-TRICHLOROPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2,4-DICHLOROPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_se...\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| 2,4-DIMETHYLPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2,4-DINITROPHENOL | 3200 UJ | 3200 UJ | 1800 U | 1700 U | 1700 U | 1800 U |
| 2,4-DINITROTOLUENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2,6-DICHLOROPHENOL | 660 U | 660 U | 360 U | 350 U | 340 UJ | 380 UJ |
| 2,6-DINITROTOLUENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-ACETYLAMINOFLUORENE | 660 UJ | 660 UJ | 3600 U | 3500 U | 340 UJ | 380 UJ |
| 2-CHLORONAPHTHALENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-CHLOROPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-METHYLNAPHTHALENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-METHYLPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-NAPHTHYLAMINE | 3200 U | 3200 U | 360 U | 350 U | 1700 UJ | 1800 UJ |
| 2-NITROANILINE | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| 2-NITROPHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 2-PICOLINE | 3200 U | 3200 U | 730 U | 710 U | 1700 U | 1800 U |
| 3&4-METHYLPHENOL | 660 U | 660 U | | | 340 U | 380 U |
| 3,3'-DICHLOROBENZIDINE | 1300 U | 1300 U | 1800 U | 1700 U | 690 U | 760 U |
| 3,3'-DIMETHYLBENZIDINE | 660 UJ | 660 UJ | 1800 UJ | 1700 UJ | 340 UJ | 380 UJ |
| 3-METHYLCHOLANTHRENE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| 3-METHYLPHENOL | | | 360 U | 350 U | | |
| 3-NITROANILINE | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| 4,6-DINITRO-2-METHYLPHENOL | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| 4-AMINOBIPHENYL | 3200 U | 3200 U | 1800 U | 1700 U | 1700 UJ | 1800 UJ |
| 4-BROMOPHENYL PHENYL ETHER | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 4-CHLORO-3-METHYLPHENOL | | | 360 U | 350 U | | |
| 4-CHLOROANILINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 4-CHLOROPHENYL PHENYL ETHER | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| 4-METHYLPHENOL | | | 360 U | 350 U | | |
| 4-NITROANILINE | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| 4-NITROPHENOL | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| 4-NITROQUINOLINE-1-OXIDE | 32000 UJ | 32000 UJ | 3600 U | 3500 U | 17000 U | 18000 R |
| 5-NITRO-O-TOLUIDINE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| A,A-DIMETHYLPHENETHYLAMINE | 3200 UJ | 3200 UJ | 1800 UJ | 1700 UJ | 1700 UJ | 1800 UJ |
| ACENAPHTHENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ACENAPHTHYLENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ACETOPHENONE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ANILINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ANTHRACENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ARAMITE | 3200 U | 3200 U | 730 U | 710 U | 1700 U | 1800 U |
| BENZIDINE | 3200 U | 3200 U | | | 1700 U | 1800 UJ |
| BENZO(A)ANTHRACENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| BENZO(A)PYRENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BENZO(B)FLUORANTHENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BENZO(G,H,I)PERYLENE | 660 U | 660 U | 360 U | 350 U | 340 UJ | 380 UJ |
| BENZO(K)FLUORANTHENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BENZOIC ACID | 3200 UJ | 3200 UJ | | | 1700 U | 1800 U |
| BENZYL ALCOHOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BIS(2-CHLOROETHOXY)METHANE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BIS(2-CHLOROETHYL)ETHER | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 660 U | 69 J | 360 U | 350 U | 340 U | 380 U |
| BUTYL BENZYL PHTHALATE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| CARBAZOLE | | | 360 U | 350 U | | |
| CHLOROBENZILATE | 20 U | 20 U | 360 U | 350 U | 21 U | 23 U |
| CHRYSENE | 660 U | 660 U | 360 U | 350 U | 47 J | 380 U |
| DI-N-BUTYL PHTHALATE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| DI-N-OCTYL PHTHALATE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| DIALLATE | 40 U | 40 U | 730 U | 710 U | 42 U | 47 U |
| DIBENZO(A,H)ANTHRACENE | 660 U | 660 U | 360 U | 350 U | 340 UJ | 380 U |
| DIBENZOFURAN | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| DIETHYL PHTHALATE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| DIMETHYL PHTHALATE | 660 U | 660 U | 360 U | 350 U | 340 U | 110 J |
| DINOSEB | | | 730 U | 710 U | | |
| DIPHENYLAMINE | | | 360 U | 350 U | | |
| ETHYL METHANE SULFONATE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| FLUORANTHENE | 660 U | 660 U | 360 U | 350 U | 64 J | 380 U |
| FLUORENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| HEXACHLOROBENZENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| HEXACHLOROBUTADIENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| HEXACHLOROCYCLOPENTADIENE | 660 U | 660 U | 1800 U | 1700 U | 340 U | 380 U |
| HEXACHLOROETHANE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| HEXACHLOROPHENE | 32000 R | 32000 R | | | 17000 UJ | 18000 R |
| HEXACHLOROPROPENE | 3200 UJ | 3200 UJ | 3600 U | 3500 U | 1700 U | 1800 UJ |
| INDENO(1,2,3-CD)PYRENE | 660 U | 660 U | 360 U | 350 U | 340 UJ | 380 UJ |
| ISODRIN | 0.68 U | 0.68 U | | | 0.7 U | 0.78 U |
| ISOPHORONE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| ISOSAFROLE | 3200 U | 3200 U | 730 U | 710 U | 1700 U | 1800 U |
| METHAPYRILENE | 3200 UJ | 3200 UJ | 1800 UJ | 1700 UJ | 1700 UJ | 1800 UJ |
| METHYL METHANE SULFONATE | 660 UJ | 660 UJ | 360 U | 350 U | 340 UJ | 380 UJ |
| N-NITROSO-DI-N-BUTYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSO-DI-N-PROPYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSODIETHYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSODIMETHYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| N-NITROSODIPHENYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSOMETHYLETHYLAMINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSOMORPHOLINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSOPIPERIDINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| N-NITROSOPYRROLIDINE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| NAPHTHALENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| NITROBENZENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| O-TOLUIDINE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| PENTACHLOROBENZENE | 3200 U | 3200 U | 360 U | 350 U | 1700 U | 1800 U |
| PENTACHLOROETHANE | | | 1800 U | 1700 U | | |
| PENTACHLORONITROBENZENE | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| PENTACHLOROPHENOL | 3200 U | 3200 U | 1800 U | 1700 U | 1700 U | 1800 U |
| PHENACETIN | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| PHENANTHRENE | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| PHENOL | 660 U | 660 U | 360 U | 350 U | 340 U | 380 U |
| PRONAMIDE | 660 U | 660 U | 730 U | 710 U | 340 U | 380 U |
| PYRENE | 660 U | 660 U | 360 U | 350 U | 42 J | 380 U |
| PYRIDINE | 3200 U | 3200 U | 730 U | 710 U | 1700 U | 1800 U |
| SAFROLE | 3200 U | 3200 U | 730 U | 710 U | 1700 UJ | 1800 UJ |
| SULFOTEPP | | | 1800 U | 1700 U | | |
| THIONAZIN | | | 1800 U | 1700 U | | |
| **Pesticides/PCBs (ug/kg)** | | | | | | |
| 4,4'-DDD | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| 4,4'-DDE | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| 4,4'-DDT | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| ALDRIN | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| ALPHA-BHC | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| ALPHA-CHLORDANE | | | 1.9 U | 1.8 U | | |
| AROCLOR-1016 | 33 U | 33 U | 36 U | 35 U | 34 U | 38 U |
| AROCLOR-1221 | 68 U | 68 U | 36 U | 35 U | 70 U | 78 U |
| AROCLOR-1232 | 68 U | 68 U | 36 U | 35 U | 70 U | 78 U |
| AROCLOR-1242 | 33 U | 33 U | 36 U | 35 U | 34 U | 38 U |
| AROCLOR-1248 | 33 U | 33 U | 36 U | 35 U | 34 U | 38 U |
| AROCLOR-1254 | 16 U | 16 U | 36 U | 35 U | 18 U | 20 U |
| AROCLOR-1260 | 16 U | 16 U | 36 U | 35 U | 25 J | 20 U |
| BETA-BHC | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| CHLORDANE | 6.8 U | 6.8 U | | | 7 U | 7.8 U |
| DELTA-BHC | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| DIELDRIN | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| ENDOSULFAN I | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| ENDOSULFAN II | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| ENDOSULFAN SULFATE | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| ENDRIN | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| ENDRIN ALDEHYDE | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| ENDRIN KETONE | 1.3 U | 1.3 U | 1.9 U | 1.8 U | 1.4 U | 1.5 U |
| GAMMA-BHC (LINDANE) | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| GAMMA-CHLORDANE | | | 1.9 U | 1.8 U | | |
| HEPTACHLOR | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| HEPTACHLOR EPOXIDE | 0.68 U | 0.68 U | 1.9 U | 1.8 U | 0.7 U | 0.78 U |
| ISODRIN | | | 3.6 U | 3.5 U | | |
| KEPONE | 40 UJ | 40 UJ | 36 UJ | 35 UJ | 42 U | 46 U |
| METHOXYCHLOR | 2.7 U | 2.7 U | 3.6 U | 3.5 U | 2.8 U | 3.1 U |
| TOXAPHENE | 33 U | 33 U | 74 U | 72 U | 34 U | 38 U |
| **OrganoPhos Pesticides (ug/kg)** | | | | | | |
| DIMETHOATE | | | 1800 U | 35 U | | |
| DISULFOTON | | | 1800 U | 35 U | | |
| ETHYL PARATHION | | | 1800 U | 35 U | | |
| FAMPHUR | | | 1800 U | 35 U | | |
| METHYL PARATHION | | | 1800 U | 35 U | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | 1800 U | 35 U | | |
| PHORATE | | | 1800 U | 35 U | | |
| SULFOTEPP | | | 1800 U | 35 U | | |
| THIONAZIN | | | 1800 U | 35 U | | |
| **Herbicides (ug/kg)** | | | | | | |
| 2,4,5-T | | | 22 U | 21 U | | |
| 2,4,5-TP (SILVEX) | | | 22 U | 21 U | | |
| 2,4-D | | | 88 U | 86 U | | |
| DINOSEB | | | 13 U | 13 U | | |
| **Inorganics (mg/kg)** | | | | | | |
| ALUMINUM | | | 436 J | 698 J | | |
| ANTIMONY | 1 U | 1 U | 0.34 U | 0.33 U | 1 U | 1.2 U |
| ARSENIC | 0.12 U | 0.12 U | 0.49 | 0.56 | 1 UJ | 0.58 UJ |
| BARIUM | 1.1 J | 0.37 J | 4.7 | 6.5 | 7.7 J | 4.4 J |
| BERYLLIUM | 0.06 U | 0.06 U | 0.03 U | 0.11 U | 0.1 J | 0.09 J |
| CADMIUM | 0.24 U | 0.24 U | 0.05 U | 0.07 U | 0.25 U | 0.28 U |
| CALCIUM | | | 57300 | 12900 | | |
| CHROMIUM | 0.54 J | 0.66 J | 2.2 J | 2.7 | 2.4 | 3 |
| COBALT | 0.62 U | 0.62 U | 0.23 U | 0.22 U | 0.64 U | 0.72 U |
| COPPER | 1.9 J | 1.3 J | 0.38 U | 0.34 U | 4.3 J | 3.3 J |
| IRON | | | 668 | 1020 | | |
| LEAD | 0.28 J | 0.92 | 0.62 J | 1 3 | 16.4 | 3.6 |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| aoc | C | C | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 2000Q4 | 2000Q4 | 1995Q2 | 1995Q2 |
| location | AOC C | AOC C | MPT-AC-SS03 | MPT-AC-SS04 | MPT-TC-MW03S | MPT-TC-MW06S |
| nsample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| sample | FPZ00101 | FSZ00101 | MPT-AC-SS03-01 | MPT-AC-SS04-01 | TCS00301 | TCS00201 |
| matrix | SO | SO | SS | SS | SO | SO |
| sacode | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL | NORMAL |
| top_depth | 1 | 1 | 0 | 0 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 | 1 | 1 |
| gis_date | 19950627 | 19950627 | 20001128 | 20001128 | 19950531 | 19950531 |
| sample_dat | 06/27/95 | 06/27/95 | 11/28/00 | 11/28/00 | 05/31/95 | 05/31/95 |
| validated | N | N | Y | Y | N | N |
| cto_proj | 028 | 028 | 0199 | 0199 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_001** | **c_002** | **c_005** | **c_006** | **c_007** | **c_008** |
| MAGNESIUM | | | 408 | 146 | | |
| MANGANESE | | | 18.2 | 8.5 | | |
| MERCURY | 0.03 UJ | 0.03 UJ | 0.02 U | 0.02 U | 0.03 U | 0.03 U |
| NICKEL | 1.1 U | 1.1 U | 0.56 U | 0.31 U | 2.1 J | 1.3 U |
| POTASSIUM | | | 67.7 U | 55.5 U | | |
| SELENIUM | 0.1 U | 0.1 U | 0.44 U | 0.43 U | 0.1 U | 0.12 U |
| SILVER | 0.28 U | 0.28 U | 0.12 U | 0.12 U | 0.29 UJ | 0.32 UJ |
| SODIUM | | | 506 | 26.2 U | | |
| THALLIUM | 0.12 U | 0.12 U | 0.75 U | 0.73 U | 0.12 U | 0.14 U |
| TIN | 2.7 U | 2.7 U | 1.9 U | 1.1 U | 2.8 U | 3.1 U |
| VANADIUM | 0.3 J | 0.7 J | 1.9 J | 1.5 | 4.3 J | 3.3 J |
| ZINC | 1.3 J | 0.89 J | 3.2 J | 4.9 | 15.3 | 10.7 |
| **Miscellaneous Parameters (ug/kg)** | | | | | | |
| CYANIDE | 0.08 U | 0.08 U | 0.55 U | 0.54 U | 0.14 J | 0.09 J |
| **TCLP Inorganics (mg/L)** | | | | | | |
| ALUMINUMT | | | | | | |
| ANTIMONYT | | | | | | |
| ARSENICT | | | | | | |
| BARIUMT | | | | | | |
| BERYLLIUMT | | | | | | |
| CADMIUMT | | | | | | |
| CALCIUMT | | | | | | |
| CHROMIUMT | | | | | | |
| COBALTT | | | | | | |
| COPPERT | | | | | | |
| IRONT | | | | | | |
| LEADT | | | | | | |
| MAGNESIUMT | | | | | | |
| MANGANESET | | | | | | |
| MERCURYT | | | | | | |
| NICKELT | | | | | | |
| POTASSIUMT | | | | | | |
| SELENIUMT | | | | | | |
| SILVERT | | | | | | |
| THALLIUMT | | | | | | |
| VANADIUMT | | | | | | |
| ZINCT | | | | | | |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| **Volatile Organics (ug/kg)** | | | | |
| 1,1,1,2-TETRACHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,1,1-TRICHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,1,2,2-TETRACHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,1,2-TRICHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,1-DICHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,1-DICHLOROETHENE | 5 U | 6 U | 6 U | 6 U |
| 1,2,3-TRICHLOROPROPANE | 5 U | 6 U | 6 U | 6 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 11 U | 11 U | 11 U | 11 U |
| 1,2-DIBROMOETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROBENZENE | 5 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROETHANE | 5 U | 6 U | 6 U | 6 U |
| 1,2-DICHLOROPROPANE | 5 U | 6 U | 6 U | 6 U |
| 1,3-DICHLOROBENZENE | 5 U | 6 U | 6 U | 6 U |
| 1,4-DICHLOROBENZENE | 5 U | 6 U | 6 U | 6 U |
| 1,4-DIOXANE | 220 R | 230 R | 225 R | 220 R |
| 2-BUTANONE | 11 R | 11 R | 11 R | 11 R |
| 2-CHLOROETHYL VINYL ETHER | 11 U | 11 U | 11 U | 11 U |
| 2-HEXANONE | 11 U | 11 U | 11 U | 11 U |
| 3-CHLOROPROPENE | 5 U | 6 U | 6 U | 6 U |
| 4-CHLORO-3-METHYLPHENOL | 360 U | 380 U | 375 U | 370 U |
| 4-METHYL-2-PENTANONE | 11 U | 11 U | 11 U | 11 U |
| ACETONE | 11 U | 11 U | 11 U | 11 U |
| ACETONITRILE | 110 U | 110 U | 110 U | 110 U |
| ACROLEIN | 110 UJ | 110 UJ | 110 UJ | 110 UJ |
| ACRYLONITRILE | 110 U | 110 U | 110 U | 110 U |
| BENZENE | 5 U | 6 U | 6 U | 6 U |
| BROMODICHLOROMETHANE | 5 U | 6 U | 6 U | 6 U |
| BROMOFORM | 5 U | 6 U | 6 U | 6 U |
| BROMOMETHANE | 11 U | 11 U | 11 U | 11 U |
| CARBON DISULFIDE | 5 U | 6 U | 6 U | 6 U |
| CARBON TETRACHLORIDE | 5 U | 6 U | 6 U | 6 U |
| CHLOROBENZENE | 5 U | 6 U | 6 U | 6 U |
| CHLORODIBROMOMETHANE | 5 U | 6 U | 6 U | 6 U |
| CHLOROETHANE | 11 U | 11 U | 11 U | 11 U |
| CHLOROFORM | 5 U | 6 U | 6 U | 6 U |
| CHLOROMETHANE | 11 U | 11 U | 11 U | 11 U |
| CHLOROPRENE | 220 U | 230 U | 225 U | 220 U |
| CIS-1,2-DICHLOROETHENE | | | | |
| CIS-1,3-DICHLOROPROPENE | 5 U | 6 U | 6 U | 6 U |
| DIBROMOMETHANE | 5 U | 6 U | 6 U | 6 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| DICHLORODIFLUOROMETHANE | 11 U | 11 U | 11 U | 11 U |
| ETHYL METHACRYLATE | 5 U | 6 U | 6 U | 6 U |
| ETHYLBENZENE | 5 U | 6 U | 6 U | 6 U |
| ISOBUTANOL | 220 R | 230 R | 225 R | 220 R |
| METHACRYLONITRILE | 5 U | 6 U | 6 U | 6 U |
| METHYL IODIDE | 11 U | 11 U | 11 U | 11 U |
| METHYL METHACRYLATE | 11 U | 11 U | 11 U | 11 U |
| METHYL TERT-BUTYL ETHER | | | | |
| METHYLENE CHLORIDE | 5 U | 6 U | 6 U | 6 U |
| PENTACHLOROETHANE | 11 U | 11 U | 11 U | 11 U |
| PROPIONITRILE | 110 U | 110 U | 110 U | 110 U |
| STYRENE | 5 U | 6 U | 6 U | 6 U |
| TETRACHLOROETHENE | 5 U | 6 U | 6 U | 6 U |
| TOLUENE | 5 U | 6 U | 6 U | 6 U |
| TOTAL 1,2-DICHLOROETHENE | 5 U | 6 U | 6 U | 6 U |
| TOTAL XYLENES | 5 U | 6 U | 6 U | 6 U |
| TRANS-1,2-DICHLOROETHENE | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5 U | 6 U | 6 U | 6 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 5 U | 6 U | 6 U | 6 U |
| TRICHLOROETHENE | 5 U | 6 U | 6 U | 6 U |
| TRICHLOROFLUOROMETHANE | 5 U | 6 U | 6 U | 6 U |
| VINYL ACETATE | 11 U | 11 U | 11 U | 11 U |
| VINYL CHLORIDE | 11 U | 11 U | 11 U | 11 U |
| **Semivolatile Organics (ug/kg)** | | | | |
| 1,2,4,5-TETRACHLOROBENZENE | 1700 U | 1800 U | 1800 U | 1800 U |
| 1,2,4-TRICHLOROBENZENE | 360 U | 380 U | 375 U | 370 U |
| 1,2-DICHLOROBENZENE | | | | |
| 1,2-DIPHENYLHYDRAZINE | 360 U | 380 U | 375 U | 370 U |
| 1,3,5-TRINITROBENZENE | 360 U | 380 U | 375 U | 370 U |
| 1,3-DICHLOROBENZENE | | | | |
| 1,3-DINITROBENZENE | 360 U | 380 U | 375 U | 370 U |
| 1,4-DICHLOROBENZENE | | | | |
| 1,4-DIOXANE | | | | |
| 1,4-NAPHTHOQUINONE | 36000 R | 38000 R | 37500 R | 37000 R |
| 1,4-PHENYLENEDIAMINE | 17000 UJ | 18000 UJ | 18000 UJ | 18000 UJ |
| 1-NAPHTHYLAMINE | 1700 UJ | 1800 UJ | 1800 UJ | 1800 UJ |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 360 U | 380 U | 375 U | 370 U |
| 2,3,4,6-TETRACHLOROPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2,4,5-TRICHLOROPHENOL | 1700 U | 1800 U | 1800 U | 1800 U |
| 2,4,6-TRICHLOROPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2,4-DICHLOROPHENOL | 360 U | 380 U | 375 U | 370 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| 2,4-DIMETHYLPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2,4-DINITROPHENOL | 1700 U | 1800 U | 1800 U | 1800 U |
| 2,4-DINITROTOLUENE | 360 U | 380 U | 375 U | 370 U |
| 2,6-DICHLOROPHENOL | 360 UJ | 380 UJ | 375 UJ | 370 UJ |
| 2,6-DINITROTOLUENE | 360 U | 380 U | 375 U | 370 U |
| 2-ACETYLAMINOFLUORENE | 360 UJ | 380 UJ | 375 UJ | 370 UJ |
| 2-CHLORONAPHTHALENE | 360 U | 380 U | 375 U | 370 U |
| 2-CHLOROPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2-METHYLNAPHTHALENE | 360 U | 380 U | 375 U | 370 U |
| 2-METHYLPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2-NAPHTHYLAMINE | 1700 UJ | 1800 UJ | 1800 UJ | 1800 UJ |
| 2-NITROANILINE | 1700 U | 1800 U | 1800 U | 1800 U |
| 2-NITROPHENOL | 360 U | 380 U | 375 U | 370 U |
| 2-PICOLINE | 1700 U | 1800 U | 1800 U | 1800 U |
| 3&4-METHYLPHENOL | 360 U | 380 U | 375 U | 370 U |
| 3,3'-DICHLOROBENZIDINE | 720 U | 760 U | 750 U | 740 U |
| 3,3'-DIMETHYLBENZIDINE | 360 UJ | 380 UJ | 375 UJ | 370 UJ |
| 3-METHYLCHOLANTHRENE | 360 U | 380 U | 375 U | 370 U |
| 3-METHYLPHENOL | | | | |
| 3-NITROANILINE | 1700 U | 1800 U | 1800 U | 1800 U |
| 4,6-DINITRO-2-METHYLPHENOL | 1700 U | 1800 U | 1800 U | 1800 U |
| 4-AMINOBIPHENYL | 1700 UJ | 1800 UJ | 1800 UJ | 1800 UJ |
| 4-BROMOPHENYL PHENYL ETHER | 360 U | 380 U | 375 U | 370 U |
| 4-CHLORO-3-METHYLPHENOL | | | | |
| 4-CHLOROANILINE | 360 U | 380 U | 375 U | 370 U |
| 4-CHLOROPHENYL PHENYL ETHER | 360 U | 380 U | 375 U | 370 U |
| 4-METHYLPHENOL | | | | |
| 4-NITROANILINE | 1700 U | 1800 U | 1800 U | 1800 U |
| 4-NITROPHENOL | 1700 U | 1800 U | 1800 U | 1800 U |
| 4-NITROQUINOLINE-1-OXIDE | 17000 U | 18000 U | 18000 U | 18000 U |
| 5-NITRO-O-TOLUIDINE | 360 U | 380 U | 375 U | 370 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 360 U | 380 U | 375 U | 370 U |
| A,A-DIMETHYLPHENETHYLAMINE | 1700 UJ | 1800 UJ | 1800 UJ | 1800 UJ |
| ACENAPHTHENE | 360 U | 380 U | 375 U | 370 U |
| ACENAPHTHYLENE | 360 U | 380 U | 375 U | 370 U |
| ACETOPHENONE | 360 U | 380 U | 375 U | 370 U |
| ANILINE | 360 U | 380 U | 375 U | 370 U |
| ANTHRACENE | 360 U | 380 U | 375 U | 370 U |
| ARAMITE | 1700 U | 1800 U | 1800 U | 1800 U |
| BENZIDINE | 1700 U | 1800 U | 1800 U | 1800 U |
| BENZO(A)ANTHRACENE | 130 J | 51 J | 57.5 J | 64 J |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| BENZO(A)PYRENE | 180 J | 380 U | 82 J | 82 J |
| BENZO(B)FLUORANTHENE | 230 J | 380 U | 100 J | 100 J |
| BENZO(G,H,I)PERYLENE | 85 J | 380 UJ | 375 UJ | 370 UJ |
| BENZO(K)FLUORANTHENE | 230 J | 380 U | 110 J | 110 J |
| BENZOIC ACID | 1700 U | 1800 U | 1800 U | 1800 U |
| BENZYL ALCOHOL | 360 U | 380 U | 375 U | 370 U |
| BIS(2-CHLOROETHOXY)METHANE | 360 U | 380 U | 375 U | 370 U |
| BIS(2-CHLOROETHYL)ETHER | 360 U | 380 U | 375 U | 370 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| BUTYL BENZYL PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| CARBAZOLE | | | | |
| CHLOROBENZILATE | 22 U | 45 U | 45 U | 45 U |
| CHRYSENE | 210 J | 63 J | 76.5 J | 90 J |
| DI-N-BUTYL PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| DI-N-OCTYL PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| DIALLATE | 44 U | 91 U | 90.5 U | 90 U |
| DIBENZO(A,H)ANTHRACENE | 360 UJ | 380 UJ | 375 UJ | 370 UJ |
| DIBENZOFURAN | 360 U | 380 U | 375 U | 370 U |
| DIETHYL PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| DIMETHYL PHTHALATE | 360 U | 380 U | 375 U | 370 U |
| DINOSEB | | | | |
| DIPHENYLAMINE | | | | |
| ETHYL METHANE SULFONATE | 360 U | 380 U | 375 U | 370 U |
| FLUORANTHENE | 300 J | 110 J | 120 J | 130 J |
| FLUORENE | 360 U | 380 U | 375 U | 370 U |
| HEXACHLOROBENZENE | 360 U | 380 U | 375 U | 370 U |
| HEXACHLOROBUTADIENE | 360 U | 380 U | 375 U | 370 U |
| HEXACHLOROCYCLOPENTADIENE | 360 U | 380 U | 375 U | 370 U |
| HEXACHLOROETHANE | 360 U | 380 U | 375 U | 370 U |
| HEXACHLOROPHENE | 17000 UJ | 18000 UJ | 18000 UJ | 18000 UJ |
| HEXACHLOROPROPENE | 1700 U | 1800 U | 1800 U | 1800 U |
| INDENO(1,2,3-CD)PYRENE | 87 J | 380 UJ | 375 UJ | 370 UJ |
| ISODRIN | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| ISOPHORONE | 360 U | 380 U | 375 U | 370 U |
| ISOSAFROLE | 1700 U | 1800 U | 1800 U | 1800 U |
| METHAPYRILENE | 1700 UJ | 1800 UJ | 1800 UJ | 1800 UJ |
| METHYL METHANE SULFONATE | 360 UJ | 380 UJ | 375 UJ | 370 UJ |
| N-NITROSO-DI-N-BUTYLAMINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSO-DI-N-PROPYLAMINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSODIETHYLAMINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSODIMETHYLAMINE | 360 U | 380 U | 375 U | 370 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| N-NITROSODIPHENYLAMINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSOMETHYLETHYLAMINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSOMORPHOLINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSOPIPERIDINE | 360 U | 380 U | 375 U | 370 U |
| N-NITROSOPYRROLIDINE | 360 U | 380 U | 375 U | 370 U |
| NAPHTHALENE | 360 U | 380 U | 375 U | 370 U |
| NITROBENZENE | 360 U | 380 U | 375 U | 370 U |
| O-TOLUIDINE | 360 U | 380 U | 375 U | 370 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 360 U | 380 U | 375 U | 370 U |
| PENTACHLOROBENZENE | 1700 U | 1800 U | 1800 U | 1800 U |
| PENTACHLOROETHANE | | | | |
| PENTACHLORONITROBENZENE | 1700 U | 1800 U | 1800 U | 1800 U |
| PENTACHLOROPHENOL | 1700 U | 1800 U | 1800 U | 1800 U |
| PHENACETIN | 360 U | 380 U | 375 U | 370 U |
| PHENANTHRENE | 71 J | 57 J | 57 J | 370 U |
| PHENOL | 360 U | 380 U | 375 U | 370 U |
| PRONAMIDE | 360 U | 380 U | 375 U | 370 U |
| PYRENE | 220 J | 67 J | 76.5 J | 86 J |
| PYRIDINE | 1700 U | 1800 U | 1800 U | 1800 U |
| SAFROLE | 1700 U | 1800 UJ | 1800 UJ | 1800 UJ |
| SULFOTEPP | | | | |
| THIONAZIN | | | | |
| **Pesticides/PCBs (ug/kg)** | | | | |
| 4,4'-DDD | 1.4 U | 3 U | 2.95 U | 2.9 U |
| 4,4'-DDE | 0.74 U | 2.3 | 2.15 | 2 |
| 4,4'-DDT | 1.4 U | 3 U | 2.95 U | 2.9 U |
| ALDRIN | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| ALPHA-BHC | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| ALPHA-CHLORDANE | | | | |
| AROCLOR-1016 | 36 U | 75 U | 74.5 U | 74 U |
| AROCLOR-1221 | 74 U | 150 U | 150 U | 150 U |
| AROCLOR-1232 | 74 U | 150 U | 150 U | 150 U |
| AROCLOR-1242 | 36 U | 75 U | 74.5 U | 74 U |
| AROCLOR-1248 | 36 U | 75 U | 74.5 U | 74 U |
| AROCLOR-1254 | 19 U | 39 U | 38.5 U | 38 U |
| AROCLOR-1260 | 160 | 170 | 160 | 150 |
| BETA-BHC | 1.4 U | 3 U | 2.95 U | 2.9 U |
| CHLORDANE | 12 | 93 | 92 | 91 |
| DELTA-BHC | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| DIELDRIN | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| ENDOSULFAN I | 0.74 U | 1.5 U | 1.5 U | 1.5 U |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| ENDOSULFAN II | 1.4 U | 3 U | 2.95 U | 2.9 U |
| ENDOSULFAN SULFATE | 1.4 U | 3 U | 2.95 U | 2.9 U |
| ENDRIN | 1.4 U | 3 U | 2.95 U | 2.9 U |
| ENDRIN ALDEHYDE | 1.4 U | 3 U | 2.95 U | 2.9 U |
| ENDRIN KETONE | 1.4 U | 3 U | 2.95 U | 2.9 U |
| GAMMA-BHC (LINDANE) | 0.74 U | 1.5 U | 1.5 U | 1.5 U |
| GAMMA-CHLORDANE | | | | |
| HEPTACHLOR | 0.74 U | 1.3 J | 1.25 J | 1.2 J |
| HEPTACHLOR EPOXIDE | 0.74 U | 8.7 | 8.8 | 8.9 |
| ISODRIN | | | | |
| KEPONE | 44 U | 91 U | 90.5 U | 90 U |
| METHOXYCHLOR | 3 U | 6.1 U | 6.1 U | 6.1 U |
| TOXAPHENE | 36 U | 75 U | 74.5 U | 74 U |
| **OrganoPhos Pesticides (ug/kg)** | | | | |
| DIMETHOATE | | | | |
| DISULFOTON | | | | |
| ETHYL PARATHION | | | | |
| FAMPHUR | | | | |
| METHYL PARATHION | | | | |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | | | | |
| PHORATE | | | | |
| SULFOTEPP | | | | |
| THIONAZIN | | | | |
| **Herbicides (ug/kg)** | | | | |
| 2,4,5-T | | | | |
| 2,4,5-TP (SILVEX) | | | | |
| 2,4-D | | | | |
| DINOSEB | | | | |
| **Inorganics (mg/kg)** | | | | |
| ALUMINUM | | | | |
| ANTIMONY | 1.1 U | 1.2 U | 1.15 UJ | 1.1 UJ |
| ARSENIC | 1.6 J | 0.58 UJ | 0.46 UJ | 0.34 UJ |
| BARIUM | 56.7 | 4.2 J | 3.8 J | 3.4 J |
| BERYLLIUM | 0.08 J | 0.12 J | 0.0775 J | 0.07 U |
| CADMIUM | 0.44 J | 0.28 U | 0.275 U | 0.27 U |
| CALCIUM | | | | |
| CHROMIUM | 12.8 | 3.3 | 2.7 J | 2.1 J |
| COBALT | 0.76 J | 0.71 U | 0.705 U | 0.7 U |
| COPPER | 8.9 | 2.8 J | 2.35 J | 1.9 J |
| IRON | | | | |
| LEAD | 21.5 | 7.2 | 8.25 | 9.3 |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sql_server\mayport\upload

ss-
surface soil
full appendix results

| order | 7 | 8 | 9 | 10 |
|---|---|---|---|---|
| aoc | C | C | C | C |
| round | 1995Q2 | 1995Q2 | 1995Q2 | 1995Q2 |
| location | TCS00101 | TCS00401 | TCS00401 | TCS00401 |
| nsample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401-D |
| sample | TCS00101 | TCS00401 | TCS00401-AVG | TCS00401D |
| matrix | SO | SO | SO | SO |
| sacode | NORMAL | ORIG | AVG | DUP |
| top_depth | 1 | 1 | 1 | 1 |
| bottom_dep | 1 | 1 | 1 | 1 |
| gis_date | 19950531 | 19950531 | 19950531 | 19950531 |
| sample_dat | 05/31/95 | 05/31/95 | 05/31/95 | 05/31/95 |
| validated | N | N | N | N |
| cto_proj | 028 | 028 | 028 | 028 |
| proj_manag | HANSEN,T | HANSEN,T | HANSEN,T | HANSEN,T |
| **sort** | **c_009** | **c_010** | **c_011** | **c_012** |
| MAGNESIUM | | | | |
| MANGANESE | | | | |
| MERCURY | 0.03 U | 0.03 U | 0.0225 J | 0.03 J |
| NICKEL | 3.6 J | 1.3 U | 1.225 J | 1.8 J |
| POTASSIUM | | | | |
| SELENIUM | 0.11 U | 0.2 J | 0.1275 J | 0.11 U |
| SILVER | 0.31 UJ | 0.32 UJ | 0.32 UJ | 0.32 UJ |
| SODIUM | | | | |
| THALLIUM | 0.13 U | 0.14 U | 0.14 U | 0.14 U |
| TIN | 3 U | 5.7 J | 3.625 J | 3.1 U |
| VANADIUM | 5.4 J | 2.9 J | 2.8 J | 2.7 J |
| ZINC | 48.2 | 10.6 | 10.15 | 9.7 |
| **Miscellaneous Parameters (ug/kg)** | | | | |
| CYANIDE | 0.11 J | 0.12 J | 0.135 J | 0.15 J |
| **TCLP Inorganics (mg/L)** | | | | |
| ALUMINUMT | | | | |
| ANTIMONYT | | | | |
| ARSENICT | | | | |
| BARIUMT | | | | |
| BERYLLIUMT | | | | |
| CADMIUMT | | | | |
| CALCIUMT | | | | |
| CHROMIUMT | | | | |
| COBALTT | | | | |
| COPPERT | | | | |
| IRONT | | | | |
| LEADT | | | | |
| MAGNESIUMT | | | | |
| MANGANESET | | | | |
| MERCURYT | | | | |
| NICKELT | | | | |
| POTASSIUMT | | | | |
| SELENIUMT | | | | |
| SILVERT | | | | |
| THALLIUMT | | | | |
| VANADIUMT | | | | |
| ZINCT | | | | |

from newaocss_sam.dbf
from newaocss_res.dbf
from q:\sqi_se[illegible]mayport\upload

| | |
|---|---|
| order | 001 |
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SW01-01 |
| sample | MPT-AC-SW01-01 |
| matrix | SW |
| sacode | NORMAL |
| depth_rang | -9999 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| validated | Y |
| cto_proj | 0199 |
| proj_manag | HANSEN,T |
| sort | c_001 |
| **Volatile Organics (ug/L)** | |
| 1,1,1,2-TETRACHLOROETHANE | 1 U |
| 1,1,1-TRICHLOROETHANE | 1 U |
| 1,1,2,2-TETRACHLOROETHANE | 1 U |
| 1,1,2-TRICHLOROETHANE | 1 U |
| 1,1-DICHLOROETHANE | 1 U |
| 1,1-DICHLOROETHENE | 1 U |
| 1,2,3-TRICHLOROPROPANE | 1 U |
| 1,2-DIBROMO-3-CHLOROPROPANE | 1 U |
| 1,2-DIBROMOETHANE | 1 U |
| 1,2-DICHLOROETHANE | 1 U |
| 1,2-DICHLOROPROPANE | 1 U |
| 2-BUTANONE | 10 U |
| 2-CHLOROETHYL VINYL ETHER | 1 U |
| 2-HEXANONE | 10 U |
| 3-CHLOROPROPENE | 1 UJ |
| 4-METHYL-2-PENTANONE | 10 U |
| ACETONE | 10 U |
| ACETONITRILE | 20 UR |
| ACROLEIN | 10 UR |
| ACRYLONITRILE | 10 U |
| BENZENE | 1 U |
| BROMODICHLOROMETHANE | 1.9 |
| BROMOFORM | 1 U |
| BROMOMETHANE | 2 UJ |
| CARBON DISULFIDE | 1 U |
| CARBON TETRACHLORIDE | 1 U |
| CHLOROBENZENE | 1 U |
| CHLORODIBROMOMETHANE | 0.98 J |
| CHLOROETHANE | 1 U |
| CHLOROFORM | 3.9 |
| CHLOROMETHANE | 1 U |
| CHLOROPRENE | 1 U |
| CIS-1,2-DICHLOROETHENE | 0.5 U |
| CIS-1,3-DICHLOROPROPENE | 1 U |
| DIBROMOMETHANE | 1 U |
| DICHLORODIFLUOROMETHANE | 1 U |
| ETHYL METHACRYLATE | 1 U |
| ETHYLBENZENE | 1 U |
| ISOBUTANOL | 50 UR |
| METHACRYLONITRILE | 1 U |
| METHYL IODIDE | 1 U |
| METHYL METHACRYLATE | 1 U |
| METHYL TERT-BUTYL ETHER | 5 U |
| METHYLENE CHLORIDE | 1 U |
| PROPIONITRILE | 4 UR |
| STYRENE | 1 U |
| TETRACHLOROETHENE | 1 U |
| TOLUENE | 1 U |
| TOTAL 1,2-DICHLOROETHENE | 1 U |
| TOTAL XYLENES | 1 U |
| TRANS-1,2-DICHLOROETHENE | 0.5 U |
| TRANS-1,3-DICHLOROPROPENE | 1 U |
| TRANS-1,4-DICHLORO-2-BUTENE | 1 U |
| TRICHLOROETHENE | 1 U |
| TRICHLOROFLUOROMETHANE | 2 U |
| VINYL ACETATE | 1 U |
| VINYL CHLORIDE | 1 U |
| **Semivolatile Organics (ug/L)** | |
| 1,2,4,5-TETRACHLOROBENZENE | 10 U |
| 1,2,4-TRICHLOROBENZENE | 10 U |

from newaocsw_sam.dbf
from newaocsw_res.dbf
from newaocsw_res.xls
from q:\sql_server\mayport\upload

| order | 001 |
|---|---|
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SW01-01 |
| sample | MPT-AC-SW01-01 |
| matrix | SW |
| sacode | NORMAL |
| depth_rang | -9999 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| validated | Y |
| cto_proj | 0199 |
| proj_manag | HANSEN,T |
| sort | c_001 |
| 1,2-DICHLOROBENZENE | 10 U |
| 1,3,5-TRINITROBENZENE | 10 UJ |
| 1,3-DICHLOROBENZENE | 10 U |
| 1,3-DINITROBENZENE | 10 U |
| 1,4-DICHLOROBENZENE | 10 U |
| 1,4-DIOXANE | 10 U |
| 1,4-NAPHTHOQUINONE | 10 U |
| 1,4-PHENYLENEDIAMINE | 10 UJ |
| 1-NAPHTHYLAMINE | 10 U |
| 2,2'-OXYBIS(1-CHLOROPROPANE) | 10 U |
| 2,3,4,6-TETRACHLOROPHENOL | 10 U |
| 2,4,5-TRICHLOROPHENOL | 10 U |
| 2,4,6-TRICHLOROPHENOL | 10 U |
| 2,4-DICHLOROPHENOL | 10 U |
| 2,4-DIMETHYLPHENOL | 10 U |
| 2,4-DINITROPHENOL | 25 U |
| 2,4-DINITROTOLUENE | 10 U |
| 2,6-DICHLOROPHENOL | 10 U |
| 2,6-DINITROTOLUENE | 10 U |
| 2-ACETYLAMINOFLUORENE | 10 U |
| 2-CHLORONAPHTHALENE | 10 U |
| 2-CHLOROPHENOL | 10 U |
| 2-METHYLNAPHTHALENE | 10 U |
| 2-METHYLPHENOL | 10 U |
| 2-NAPHTHYLAMINE | 10 U |
| 2-NITROANILINE | 25 U |
| 2-NITROPHENOL | 10 U |
| 2-PICOLINE | 10 U |
| 3,3'-DICHLOROBENZIDINE | 10 U |
| 3,3'-DIMETHYLBENZIDINE | 10 UJ |
| 3-METHYLCHOLANTHRENE | 10 U |
| 3-METHYLPHENOL | 10 U |
| 3-NITROANILINE | 25 U |
| 4,6-DINITRO-2-METHYLPHENOL | 25 U |
| 4-AMINOBIPHENYL | 10 U |
| 4-BROMOPHENYL PHENYL ETHER | 10 U |
| 4-CHLORO-3-METHYLPHENOL | 10 U |
| 4-CHLOROANILINE | 10 U |
| 4-CHLOROPHENYL PHENYL ETHER | 10 U |
| 4-METHYLPHENOL | 10 U |
| 4-NITROANILINE | 25 U |
| 4-NITROPHENOL | 25 U |
| 4-NITROQUINOLINE-1-OXIDE | 10 UJ |
| 5-NITRO-O-TOLUIDINE | 10 U |
| 7,12-DIMETHYLBENZ(A)ANTHRACENE | 10 UJ |
| A,A-DIMETHYLPHENETHYLAMINE | 50 U |
| ACENAPHTHENE | 10 U |
| ACENAPHTHYLENE | 10 U |
| ACETOPHENONE | 10 U |
| ANILINE | 10 U |
| ANTHRACENE | 10 U |
| ARAMITE | 10 U |
| BENZO(A)ANTHRACENE | 10 U |
| BENZO(A)PYRENE | 10 U |
| BENZO(B)FLUORANTHENE | 10 U |
| BENZO(G,H,I)PERYLENE | 10 U |
| BENZO(K)FLUORANTHENE | 10 U |
| BENZYL ALCOHOL | 10 U |
| BIS(2-CHLOROETHOXY)METHANE | 10 U |
| BIS(2-CHLOROETHYL)ETHER | 10 U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 5 U |

from newaocsw_sam.dbf
from newaocsw_res.dbf
from newaocsw_res.xls
from q:\sql_server\mayport\upload

| | |
|---|---|
| order | 001 |
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SW01-01 |
| sample | MPT-AC-SW01-01 |
| matrix | SW |
| sacode | NORMAL |
| depth_rang | -9999 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| validated | Y |
| cto_proj | 0199 |
| proj_manag | HANSEN,T |
| sort | c_001 |
| BUTYL BENZYL PHTHALATE | 10 U |
| CARBAZOLE | 10 U |
| CHLOROBENZILATE | 10 U |
| CHRYSENE | 10 U |
| DI-N-BUTYL PHTHALATE | 10 U |
| DI-N-OCTYL PHTHALATE | 10 U |
| DIALLATE | 20 U |
| DIBENZO(A,H)ANTHRACENE | 10 U |
| DIBENZOFURAN | 10 U |
| DIETHYL PHTHALATE | 10 U |
| DIMETHYL PHTHALATE | 10 U |
| DINOSEB | 20 U |
| DIPHENYLAMINE | 10 U |
| ETHYL METHANE SULFONATE | 10 U |
| FLUORANTHENE | 10 U |
| FLUORENE | 10 U |
| HEXACHLOROBENZENE | 10 U |
| HEXACHLOROBUTADIENE | 10 U |
| HEXACHLOROCYCLOPENTADIENE | 10 U |
| HEXACHLOROETHANE | 10 U |
| HEXACHLOROPROPENE | 10 U |
| INDENO(1,2,3-CD)PYRENE | 10 U |
| ISOPHORONE | 10 U |
| ISOSAFROLE | 10 U |
| METHAPYRILENE | 10 UJ |
| METHYL METHANE SULFONATE | 10 U |
| N-NITROSO-DI-N-BUTYLAMINE | 10 U |
| N-NITROSO-DI-N-PROPYLAMINE | 10 U |
| N-NITROSODIETHYLAMINE | 10 U |
| N-NITROSODIMETHYLAMINE | 10 U |
| N-NITROSODIPHENYLAMINE | 10 U |
| N-NITROSOMETHYLETHYLAMINE | 10 U |
| N-NITROSOMORPHOLINE | 10 U |
| N-NITROSOPIPERIDINE | 10 U |
| N-NITROSOPYRROLIDINE | 10 U |
| NAPHTHALENE | 10 U |
| NITROBENZENE | 10 U |
| O-TOLUIDINE | 10 U |
| P-(DIMETHYLAMINO)AZOBENZENE | 10 U |
| PENTACHLOROBENZENE | 10 U |
| PENTACHLOROETHANE | 50 U |
| PENTACHLORONITROBENZENE | 10 U |
| PENTACHLOROPHENOL | 10 U |
| PHENACETIN | 10 U |
| PHENANTHRENE | 10 U |
| PHENOL | 10 U |
| PRONAMIDE | 10 U |
| PYRENE | 10 U |
| PYRIDINE | 10 U |
| SAFROLE | 10 U |
| SULFOTEPP | 50 U |
| THIONAZIN | 50 U |
| **Pesticides/PCBs (ug/L)** | |
| 4,4'-DDD | 0.05 UJ |
| 4,4'-DDE | 0.05 U |
| 4,4'-DDT | 0.05 U |
| ALDRIN | 0.05 U |
| ALPHA-BHC | 0.05 U |
| ALPHA-CHLORDANE | 0.05 U |
| AROCLOR-1016 | 1 U |
| AROCLOR-1221 | 1 U |

from newaocsw_sam.dbf
from newaocsw_res.dbf
from newaocsw_res.xls
from q:\sql_server\mayport\upload

| | |
|---|---|
| order | 001 |
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SW01-01 |
| sample | MPT-AC-SW01-01 |
| matrix | SW |
| sacode | NORMAL |
| depth_rang | -9999 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| validated | Y |
| cto_proj | 0199 |
| proj_manag | HANSEN,T |
| sort | c_001 |
| AROCLOR-1232 | 1 U |
| AROCLOR-1242 | 1 U |
| AROCLOR-1248 | 1 U |
| AROCLOR-1254 | 1 U |
| AROCLOR-1260 | 1 U |
| BETA-BHC | 0.05 U |
| DELTA-BHC | 0.05 U |
| DIELDRIN | 0.05 U |
| ENDOSULFAN I | 0.05 U |
| ENDOSULFAN II | 0.05 U |
| ENDOSULFAN SULFATE | 0.05 U |
| ENDRIN | 0.05 U |
| ENDRIN ALDEHYDE | 0.05 U |
| ENDRIN KETONE | 0.05 U |
| GAMMA-BHC (LINDANE) | 0.05 U |
| GAMMA-CHLORDANE | 0.05 U |
| HEPTACHLOR | 0.05 U |
| HEPTACHLOR EPOXIDE | 0.05 U |
| ISODRIN | 0.1 UJ |
| KEPONE | 1 UJ |
| METHOXYCHLOR | 0.1 U |
| TOXAPHENE | 2 U |
| **OrganoPhPesticides (ug/L)** | |
| DIMETHOATE | 1 U |
| DISULFOTON | 1 U |
| ETHYL PARATHION | 1 U |
| FAMPHUR | 1 U |
| METHYL PARATHION | 1 U |
| O,O,O-TRIETHYL PHOSPHOROTHIOATE | 1 U |
| PHORATE | 1 U |
| SULFOTEPP | 1 U |
| THIONAZIN | 1 U |
| **Herbicides (ug/L)** | |
| 2,4,5-T | 1 U |
| 2,4,5-TP (SILVEX) | 1 U |
| 2,4-D | 4 U |
| DINOSEB | 0.6 U |
| **Inorganics (ug/L)** | |
| ALUMINUM | 18.8 U |
| ANTIMONY | 4.3 U |
| ARSENIC | 3.6 U |
| BARIUM | 21.6 |
| BERYLLIUM | 0.2 U |
| CADMIUM | 0.4 U |
| CALCIUM | 36400 |
| CHROMIUM | 2.5 U |
| COBALT | 2.2 U |
| COPPER | 1.9 U |
| IRON | 122 U |
| LEAD | 1.3 U |
| MAGNESIUM | 10800 |
| MANGANESE | 12.1 U |
| MERCURY | 0.1 U |
| NICKEL | 1.9 U |
| POTASSIUM | 2100 |
| SELENIUM | 4.3 U |
| SILVER | 3.1 U |
| SODIUM | 8950 |
| THALLIUM | 5.3 U |
| TIN | 2.8 U |
| VANADIUM | 1.4 U |

from newaocsw_sam.dbf
from newaocsw_res.dbf
from newaocsw_res.xls
from q:\sql_server\mayport\upload

| | |
|---|---|
| **order** | **001** |
| site | |
| aoc | C |
| ou | BLDG |
| swmu | |
| round | 2000Q4 |
| location | MPT-AC-SW01 |
| nsample | MPT-AC-SW01-01 |
| sample | MPT-AC-SW01-01 |
| matrix | SW |
| sacode | NORMAL |
| depth_rang | -9999 |
| gis_date | 20001115 |
| sample_dat | 11/15/00 |
| valldated | Y |
| cto_proj | 0199 |
| proj_manag | HANSEN,T |
| **sort** | c_001 |
| ZINC | 7.4 U |
| **Miscellaneoeous Parameters (ug/L)** | |
| CYANIDE | 19.1 |

from newaocsw_sam.dbf
from newaocsw_res.dbf
from newaocsw_res.xls
from q:\sql_server\mayport\upload

# APPENDIX C

# AREAS AND VOLUMES OF CONTAMINATED MEDIA

**TABLE C - 1**
**AOC C, AREA AND VOLUME - CONTAMINATED GROUNDWATER[1]**
**NAVAL STATION MAYPORT**
**MAYPORT, FLORIDA**

| Locations | Porosity[2] | Saturated Soil Thickness[3] feet | Calculated Area $ft^2$ | Volume gallons |
|---|---|---|---|---|
| **Area around monitoring well MPT-EP-DPW02I** | 0.35 | 20 | 7850 | 411,055 |
| **Area around monitoring well MPT-AC-GW-DPW09I** | 0.35 | 20 | 7850 | 411,055 |
| | | | | |
| **TOTALS** | | | **15,700** | **822,109** |

Notes:
[1] Refer to Figure 3-4 for additional information regarding the impacted groundwater area.
[2] Porosity values used in calculating the volume(s) of contaminated groundwater were taken from Brady, Nyle C., Ray R. Weil, 1996. *The Nature and Properties of Soils.*
[3] Per laboratory analysis, it was determined that monitoring wells screened across the shallow ( 3-13 ft bls), intermediate ( 30-35 ft bls), and deep (45-50 ft bls) groundwater zones were free of contamination. Therefore, it was determined that the saturated soil thickness to be used in this calculation is 20 ft (from 20 to 40 ft bls)

# APPENDIX D

# COST ESTIMATES

# Table D - 1

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 1: NO ACTION**
**CAPITAL COSTS**

| Cost Item | Quantity | Unit | Unit Cost | | | | Extended Cost | | | | Subtotal |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Subcontract | Material | Labor | Equipment | Subcontract | Material | Labor | Equipment | |
| **1 PROJECT PLANNING** | | | | | | | | | | | |
| 1.1 Prepare Corrective Measures Implementation Plan | | | | | | | | | | | |
| Project Manager | 0 | hr | | | $40.12 | | $0 | $0 | $0 | $0 | $0 |
| Senior Technical Staff | 0 | hr | | | $32.52 | | $0 | $0 | $0 | $0 | $0 |
| Technical Staff | 0 | hr | | | $26.44 | | $0 | $0 | $0 | $0 | $0 |
| Senior Support Staff | 0 | hr | | | $20.22 | | $0 | $0 | $0 | $0 | $0 |
| ODCs (copying, shipping, telephone, etc.) | 0 | ls | | $200.00 | | | $0 | $0 | $0 | $0 | $0 |
| 1.2 Project Scheduling and Procurement | | | | | | | | | | | |
| Project Manager | 0 | hr | | | $40.12 | | $0 | $0 | $0 | $0 | $0 |
| Senior Support Staff | 0 | hr | | | $20.22 | | $0 | $0 | $0 | $0 | $0 |
| Subcontractor Support Staff | 0 | hr | | | $18.52 | | $0 | $0 | $0 | $0 | $0 |
| **2 LAND USE CONTROLS** | | | | | | | | | | | |
| 2.1 Construction & Installation | | | | | | | | | | | |
| Crew and Equipment | 0 | hr | $89.84 | | | | $0 | $0 | $0 | $0 | $0 |
| Land Use Control Signage | 0 | ea | | $19.79 | | | $0 | $0 | $0 | $0 | $0 |
| 2.2 Site Survey | | | | | | | | | | | |
| Crew and Equipment | 0 | hr | $108 | | | | $0 | $0 | $0 | $0 | $0 |
| Site Survey Report | 0 | ls | $500 | | | | $0 | $0 | $0 | $0 | $0 |
| 2.3 Modify Master Plan | 0 | hours | | | $34.33 | | $0 | $0 | $0 | $0 | $0 |
| **Subtotal Direct Capital Costs less Subcontract** | | | | | | | | $0 | $0 | $0 | $0 |
| G & A on Labor Cost @ 10.16% | | | | | | | | | $0 | | $0 |
| G & A on Material Cost @ 10.16% | | | | | | | | $0 | | | $0 |

# Table D - 1

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 1: NO ACTION**
**CAPITAL COSTS**

| Cost Item | Quantity | Unit | Unit Cost | | | | Extended Cost | | | | Subtotal |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Subcontract | Material | Labor | Equipment | Subcontract | Material | Labor | Equipment | |
| **Total Direct Capital Cost** | | | | | | | | $0 | $0 | $0 | $0 |
| Overhead on Total Direct Labor Cost @ 97.93% | | | | | | | | | $0 | | $0 |
| Award Fee on Total Direct Cost @ 10% | | | | | | | | | | | $0 |
| **Subtotal** | | | | | | | | | | | $0 |
| Health & Safety Monitoring (including subcontractor cost) @ 3% | | | | | | | | | | | $0 |
| Health & Safety Training, Site-specific Training | | | | | | | | | | | $0 |
| **Total Field Cost** | | | | | | | | | | | $0 |
| Subtotal Subcontractor Cost | | | | | | | $0 | | | | $0 |
| G & A on Subcontract Cost @ 1.6% | | | | | | | $0 | | | | $0 |
| Award Fee on Subcontractor Cost @ 10% | | | | | | | | | | | $0 |
| **Subcontractor Cost** | | | | | | | | | | | $0 |
| Contingency on Total Field and Subcontractor Costs @ 10% | | | | | | | | | | | $0 |
| **TOTAL Capital COST** | | | | | | | | | | | $0 |

Assumptions: No additional groundwater sampling would be performed. Land use controls would be implemented. No maintenance would be performed.

# Table D - 2

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 1: NO ACTION**
**OPERATION AND MAINTENANCE COSTS**

| Cost Item | Quantity | Unit | Unit Cost[a] | Labor Overhead[a] | Total Cost | Comments |
|---|---|---|---|---|---|---|
| **1 FIVE YEAR SITE REVIEW** | | | | | | |
| 1.1 Site Review Meeting | | | | | | |
| Project Manager | 0 | hr | $40.12 | $39.29 | $0 | |
| Senior Technical Staff | 0 | hr | $32.52 | $31.85 | $0 | |
| ODCs (travel, review meetings, public notice in newspaper, copies, etc.) | 0 | ls | $1,000.00 | | $0 | |
| 1.2 Prepare Review Report | | | | | | |
| Project Manager | 0 | hr | $40.12 | $39.29 | $0 | |
| Senior Technical Staff | 0 | hr | $32.52 | $31.85 | $0 | |
| Technical Staff | 0 | hr | $26.44 | $25.89 | $0 | |
| Senior Support Staff | 0 | hr | $20.22 | $19.80 | $0 | |
| ODCs (photocopies, telephone, etc.) | 0 | ls | $800.00 | | $0 | |
| Subtotal Review Cost | | | | | $0 | |
| G&A and Award Fee @ 20.16% | | | | | $0 | |
| Subtotal | | | | | $0 | |
| **Total Review Cost** | | | | | **$0** | |
| **2 LAND USE CONTROL MONITORING (FOR 30 YEAR PERIOD)** | | | | | | |
| 2.1 Annual Site Inspections | | | | | | |
| Technical Staff | 0 | hr | $26.44 | $25.89 | $0 | |
| ODCs (fuel, telephone, etc.) | 0 | ls | $500.00 | | $0 | |
| 2.2 Annual Review and Report | | | | | | |
| Project Manager | 0 | hr | $40.12 | $39.29 | $0 | |
| Senior Technical Staff | 0 | hr | $32.52 | $31.85 | $0 | |
| ODCs (photocopies, telephone, etc.) | 0 | ls | $400.00 | | $0 | |
| Subtotal Land Use Control Monitoring | | | | | $0 | |
| G&A and Award Fee @ 20.16% | | | | | $0 | |
| Subtotal | | | | | $0 | |
| **Total Land Use Control Monitoring Cost** | | | | | **$0** | |

[a] Includes overhead on professional labor @ 97.93%.

Assumptions: Travel associated with quaterly inspections will be limited as inspections will be done by base personnel and handled on a local level.

# Table D - 3

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 1: NO ACTION**
**PRESENT WORTH ANALYSIS**

| Year | Capital Cost | Operation and Maintenance Cost | Total Yearly Cost | Present-Worth Factor (i = 5%) | Present Worth |
|---|---|---|---|---|---|
| 0 | $0 | | $0 | 1.000 | $0 |
| 1 | | $0 | $0 | 0.952 | $0 |
| 2 | | $0 | $0 | 0.907 | $0 |
| 3 | | $0 | $0 | 0.864 | $0 |
| 4 | | $0 | $0 | 0.823 | $0 |
| 5 | | $0 | $0 | 0.784 | $0 |
| 6 | | $0 | $0 | 0.746 | $0 |
| 7 | | $0 | $0 | 0.711 | $0 |
| 8 | | $0 | $0 | 0.677 | $0 |
| 9 | | $0 | $0 | 0.645 | $0 |
| 10 | | $0 | $0 | 0.614 | $0 |
| 11 | | $0 | $0 | 0.585 | $0 |
| 12 | | $0 | $0 | 0.557 | $0 |
| 13 | | $0 | $0 | 0.530 | $0 |
| 14 | | $0 | $0 | 0.505 | $0 |
| 15 | | $0 | $0 | 0.481 | $0 |
| 16 | | $0 | $0 | 0.458 | $0 |
| 17 | | $0 | $0 | 0.436 | $0 |
| 18 | | $0 | $0 | 0.416 | $0 |
| 19 | | $0 | $0 | 0.396 | $0 |
| 20 | | $0 | $0 | 0.377 | $0 |
| 21 | | $0 | $0 | 0.359 | $0 |
| 22 | | $0 | $0 | 0.342 | $0 |
| 23 | | $0 | $0 | 0.326 | $0 |
| 24 | | $0 | $0 | 0.310 | $0 |
| 25 | | $0 | $0 | 0.295 | $0 |
| 26 | | $0 | $0 | 0.281 | $0 |
| 27 | | $0 | $0 | 0.268 | $0 |
| 28 | | $0 | $0 | 0.255 | $0 |
| 29 | | $0 | $0 | 0.243 | $0 |
| 30 | | $0 | $0 | 0.231 | $0 |
| | | | | **TOTAL PRESENT WORTH** | **$0** |

# Table D - 4

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 2: LAND USE CONTROLS AND MONITORING**
**CAPITAL COSTS**

| Cost Item | Quantity | Unit | Unit Cost | | | | Extended Cost | | | | Subtotal |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Subcontract | Material | Labor | Equipment | Subcontract | Material | Labor | Equipment | |
| **1 PROJECT PLANNING** | | | | | | | | | | | |
| 1.1 Prepare Corrective Measures Implementation Plan | | | | | | | | | | | |
| Project Manager | 8 | hr | | | $40.12 | | $0 | $0 | $321 | $0 | $321 |
| Staff Engineer | 40 | hr | | | $34.33 | | $0 | $0 | $1,373 | $0 | $1,373 |
| Senior Support Staff | 16 | hr | | | $20.22 | | $0 | $0 | $324 | $0 | $324 |
| Suport Staff | 8 | hr | | | $18.52 | | $0 | $0 | $148 | $0 | $148 |
| ODCs (copying, shipping, telephone, etc.) | 1 | ls | | $200.00 | | | $0 | $200 | $0 | $0 | $200 |
| 1.2 Project Scheduling and Procurement | | | | | | | | | | | |
| Project Manager | 4 | hr | | | $40.12 | | $0 | $0 | $160 | $0 | $160 |
| Support Staff | 6 | hr | | | $18.52 | | $0 | $0 | $111 | $0 | $111 |
| Subcontractor Support Staff | 6 | hr | | | $18.52 | | $0 | $0 | $111 | $0 | $111 |
| **2 LAND USE CONTROLS** | | | | | | | | | | | |
| 2.1 Construction & Installation | | | | | | | | | | | |
| Crew and Equipment | 8 | hr | $89.84 | | | | $719 | $0 | $0 | $0 | $719 |
| Land Use Control Signage | 16 | ea | | $19.79 | | | $0 | $317 | $0 | $0 | $317 |
| 2.2 Site Survey | | | | | | | | | | | |
| Crew and Equipment | 8 | hr | $108 | | | | $866 | $0 | $0 | $0 | $866 |
| Site Survey Report | 1 | ls | $500 | | | | $500 | $0 | $0 | $0 | $500 |
| 2.3 Modify Master Plan | 80 | hours | | | $34.33 | | $0 | $0 | $2,746 | $0 | $2,746 |
| **Subtotal Direct Capital Costs less Subcontract** | | | | | | | | $517 | $5,295 | $0 | $5,812 |
| G & A on Labor Cost @ 10.16% | | | | | | | | | $538 | | $538 |
| G & A on Material Cost @ 10.16% | | | | | | | | $52 | | | $52 |

# Table D - 4

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 2: LAND USE CONTROLS AND MONITORING**
**CAPITAL COSTS**

| Cost Item | Quantity | Unit | Unit Cost | | | | Extended Cost | | | | Subtotal |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Subcontract | Material | Labor | Equipment | Subcontract | Material | Labor | Equipment | |
| **Total Direct Capital Cost** | | | | | | | | $569 | $5,833 | $0 | $6,402 |
| Overhead on Total Direct Labor Cost @ 97.93% | | | | | | | | | $5,712 | | $5,712 |
| Award Fee on Total Direct Cost @ 10% | | | | | | | | | | | $640 |
| **Subtotal** | | | | | | | | | | | $12,754 |
| Health & Safety Monitoring (including subcontractor cost) @ 3% | | | | | | | | | | | $445 |
| Health & Safety Training, Site-specific Training | | | | | | | | | | | $445 |
| **Total Field Cost** | | | | | | | | | | | **$13,645** |
| Subtotal Subcontractor Cost | | | | | | | $2,085 | | | | $2,085 |
| G & A on Subcontract Cost @ 1.6% | | | | | | | $33 | | | | $33 |
| Award Fee on Subcontractor Cost @ 10% | | | | | | | | | | | $208 |
| **Subcontractor Cost** | | | | | | | | | | | **$2,327** |
| Contingency on Total Field and Subcontractor Costs @ 10% | | | | | | | | | | | **$1,597** |
| **TOTAL Capital COST** | | | | | | | | | | | **$17,568** |

Assumptions: No additional groundwater sampling would be performed. Land use controls would be implemented. No maintenance would be performed.

# Table D - 5

**aval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 2: LAND USE CONTROLS AND MONITORING**
**ANNUAL OPERATION AND MAINTENANCE COSTS**

| Cost Item | Quantity | Unit | Unit Cost[a] | Labor Overhead[a] | Total Cost | Comments |
|---|---|---|---|---|---|---|
| **1 FIVE YEAR SITE REVIEW** | | | | | | |
| 1.1 Site Review Meeting | | | | | | |
| Project Manager | 8 | hr | $40.12 | $39.29 | $635 | |
| Senior Technical Staff | 16 | hr | $32.52 | $31.85 | $1,030 | |
| ODCs (travel, review meetings, public notice in newspaper, copies, etc.) | 1 | ls | $1,000.00 | | $1,000 | |
| 1.2 Prepare Review Report | | | | | | |
| Project Manager | 16 | hr | $40.12 | $39.29 | $1,271 | |
| Senior Technical Staff | 40 | hr | $32.52 | $31.85 | $2,575 | |
| Technical Staff | 12 | hr | $26.44 | $25.89 | $628 | |
| Senior Support Staff | 16 | hr | $20.22 | $19.80 | $640 | |
| ODCs (photocopies, telephone, etc.) | 1 | ls | $800.00 | | $800 | |
| Subtotal Review Cost | | | | | $8,579 | |
| G&A and Award Fee @ 20.16% | | | | | $1,729 | |
| Subtotal | | | | | $10,308 | |
| **Total Review Cost** | | | | | **$10,306** | |
| **2 LAND USE CONTROL MONITORING (FOR 30 YEAR PERIOD)** | | | | | | |
| 2.1 Annual Site Inspections | | | | | | |
| Technical Staff | 4 | hr | $26.44 | $25.89 | $209 | |
| ODCs (fuel, telephone, etc.) | 1 | ls | $500.00 | | $500 | |
| 2.2 Annual Review and Report | | | | | | |
| Project Manager | 12 | hr | $40.12 | $39.29 | $953 | |
| Senior Technical Staff | 12 | hr | $32.52 | $31.85 | $772 | |
| ODCs (photocopies, telephone, etc.) | 1 | ls | $400.00 | | $400 | |
| Subtotal Land Use Control Monitoring | | | | | $2,835 | |
| G&A and Award Fee @ 20.16% | | | | | $571 | |
| Subtotal | | | | | $3,406 | |
| **Total Land Use Control Monitoring Cost** | | | | | **$3,406** | |
| **3 GROUNDWATER MONITORING (FOR 30 YEAR PERIOD)** | | | | | | |
| 2.1 Maintenance/Repair of monitoring wells | | | | | | |
| Technical Staff | 4 | hr | $26.44 | $25.89 | $209 | |
| ODCs (locks, caps, well pad) | 1 | ls | $100.00 | | $100 | |
| 2.2 Sampling of wells (18 wells) | | | | | | |
| Technical Staff | 30 | hr | $26.44 | $25.89 | $1,570 | |
| Junior Technical Staff | 30 | hr | $22.24 | $21.78 | $1,321 | |
| ODCs (field equipment and supplies) | 1 | ls | $800.00 | | $800 | |
| 2.4 Analysis of Samples (8 wells + 2 QA/QC samples) | 10 | ea | $100.00 | | $1,000 | |
| 2.3 Monitoring Report | | | | | | |
| Senior Technical Staff | 16 | hr | $32.52 | $31.85 | $1,030 | |
| Technical Staff | 24 | hr | $26.44 | $25.89 | $1,256 | |
| Support Staff | 8 | hr | $18.52 | $18.14 | $293 | |

# Table D - 5

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 2: LAND USE CONTROLS AND MONITORING**
**ANNUAL OPERATION AND MAINTENANCE COSTS**

| Cost Item | Quantity | Unit | Unit Cost[a] | Labor Overhead[a] | Total Cost | Comments |
|---|---|---|---|---|---|---|
| ODCs (photocopies, telephone, etc.) | 1 | ls | $400.00 | | $400 | |
| Subtotal Monitoring Groundwater (year 1) | | | | | $19,916 | |
| years 2 - 5 | | | | | $11,958 | |
| years 6 - 30 | | | | | $7,979 | |
| G&A and Award Fee @ 20.16% (year 1) | | | | | $4,015 | |
| years 2 - 5 | | | | | $2,411 | |
| years 6 - 30 | | | | | $1,609 | |
| Subtotal | | | | | $23,931 | |
| **Total Groundwater Monitoring Cost (year 1)** | | | | | **$23,931** | |
| **Total Groundwater Monitoring Cost (years 2 - 5)** | | | | | **$14,369** | |
| **Total Groundwater Monitoring Cost (year 6 - 30)** | | | | | **$9,588** | |

[a] includes overhead on professional labor @ 97.93%.

Assumptions:
- Groundwater monitoring will be conducted quarterly for for the first year, semi-annually for years 2 - 5 and annuall
- Monitoring reports will be submitted after each sampling event. Two reports will be submitted each of the first two years and one report annually there after.The additional monitoring report for the first two years will cost an

# Table D - 6

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 2: LAND USE CONTROLS AND MONITORING**
**PRESENT WORTH ANALYSIS**

| Year | Capital Cost | Operation and Maintenance Cost | Total Yearly Cost | Present-Worth Factor (i = 5%) | Present Worth |
|---|---|---|---|---|---|
| 0 | $17,568 | | $17,568 | 1.000 | $17,568 |
| 1 | | $27,338 | $27,338 | 0.952 | $26,036 |
| 2 | | $17,775 | $17,775 | 0.907 | $16,122 |
| 3 | | $16,617 | $16,617 | 0.864 | $14,354 |
| 4 | | $16,617 | $16,617 | 0.823 | $13,671 |
| 5 | | $16,617 | $26,925 | 0.784 | $21,097 |
| 6 | | $12,994 | $12,994 | 0.746 | $9,696 |
| 7 | | $11,836 | $11,836 | 0.711 | $8,412 |
| 8 | | $11,836 | $11,836 | 0.677 | $8,011 |
| 9 | | $11,836 | $11,836 | 0.645 | $7,630 |
| 10 | | $11,836 | $22,925 | 0.614 | $14,074 |
| 11 | | $11,836 | $11,836 | 0.585 | $6,920 |
| 12 | | $11,836 | $11,836 | 0.557 | $6,591 |
| 13 | | $11,836 | $11,836 | 0.530 | $6,277 |
| 14 | | $11,836 | $11,836 | 0.505 | $5,978 |
| 15 | | $11,836 | $22,925 | 0.481 | $11,027 |
| 16 | | $11,836 | $11,836 | 0.458 | $5,422 |
| 17 | | $11,836 | $11,836 | 0.436 | $5,164 |
| 18 | | $11,836 | $11,836 | 0.416 | $4,918 |
| 19 | | $11,836 | $11,836 | 0.396 | $4,684 |
| 20 | | $11,836 | $22,925 | 0.377 | $8,640 |
| 21 | | $11,836 | $11,836 | 0.359 | $4,248 |
| 22 | | $11,836 | $11,836 | 0.342 | $4,046 |
| 23 | | $11,836 | $11,836 | 0.326 | $3,853 |
| 24 | | $11,836 | $11,836 | 0.310 | $3,670 |
| 25 | | $11,836 | $22,925 | 0.295 | $6,770 |
| 26 | | $11,836 | $11,836 | 0.281 | $3,329 |
| 27 | | $11,836 | $11,836 | 0.268 | $3,170 |
| 28 | | $11,836 | $11,836 | 0.255 | $3,019 |
| 29 | | $11,836 | $11,836 | 0.243 | $2,876 |
| 30 | | $11,836 | $22,925 | 0.231 | $5,304 |
| | | | | **TOTAL PRESENT WORTH** | **$262,578** |

Naval Station (NS), Mayport
Mayport, FLORIDA
AOC C
GROUNDWATER ALTERNATIVE 3: IN-SITU BIOREMEDIATION, LAND USE CONTROLS AND MONITORING
CAPITAL COSTS

# Table D-7

| Item | Quantity | Unit | Unit Cost Subcontract | Unit Cost Material | Unit Cost Labor | Unit Cost Equipment | Total Cost Subcontract | Total Cost Material | Total Cost Labor | Total Cost Equipment | Total Direct Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1 PROJECT DOCUMENTS/INSTITUTIONAL CONTROLS** | | | | | | | | | | | |
| 1.1 Prepare Documents & Plans including Permits | 150 | hr | | | $40.00 | | $0 | $0 | $6,000 | $0 | $6,000 |
| 1.2 Prepare Corrective Measures Implementation Plan | 200 | hr | | | $40.00 | | $0 | $0 | $8,000 | $0 | $8,000 |
| 1.3 ODCs (copying, shipping, telephone, etc.) | 1 | ls | | $2,000.00 | | | $0 | $2,000 | $0 | $0 | $2,000 |
| **2 MOBILIZATION/DEMOBILIZATION AND FIELD SUPPORT** | | | | | | | | | | | |
| 2.1 Drill Rig Mobilization/Demobilization | 1 | ls | $2,000.00 | | | | $2,000 | $0 | $0 | $0 | $2,000 |
| 2.2 Professional Oversight (2p * 5 days/week) | 1 | wk | | | $1,600.00 | | $0 | $0 | $1,600 | $0 | $1,600 |
| **3 DECONTAMINATION** | | | | | | | | | | | |
| 3.1 Decontamination Services | 1 | ls | | $500.00 | | | $0 | $500 | $0 | $0 | $500 |
| 3.2 Disposal of Decon Waste (liquid & solid) | 1 | mo | $900.00 | | | | $900 | $0 | $0 | $0 | $900 |
| **4 BIOREMEDIATION** | | | | | | | | | | | |
| 4.1 Drill 15 1-inch DPT Points to 45' bgs & Lactate Injection | 900 | ft | $28.00 | | | | $25,200 | $0 | $0 | $0 | $25,200 |
| 4.2 Lactate (2,000 lb + 10%) | 800 | lb | | $10.00 | | | $0 | $8,000 | $0 | $0 | $8,000 |
| **5 SITE RESTORATION** | | | | | | | | | | | |
| 5.1 Vegetate Disturbed Areas | 1 | ls | | $500.00 | $500.00 | $200.00 | $0 | $500 | $500 | $200 | $1,200 |
| **Subtotal** | | | | | | | $28,100 | $11,000 | $16,100 | $200 | $55,400 |
| **Local Area Adjustments** | | | | | | | 100.0% | 100.3% | 81.0% | 81.0% | |
| **Subtotal** | | | | | | | $28,100 | $11,033 | $13,041 | $162 | $52,336 |
| Overhead on Labor Cost @ 98% | | | | | | | | | $12,771 | | $12,771 |
| G & A on Labor Cost @ 10% | | | | | | | | | $1,312 | | $1,312 |
| G & A on Material Cost @ 10% | | | | | | | | $1,121 | | | $1,121 |
| G & A on Equipment Cost @ 10% | | | | | | | | | | $16 | $16 |
| G & A on Subcontract Cost @ 2% | | | | | | | $450 | | | | $450 |
| **Total Direct Cost** | | | | | | | $28,550 | $12,154 | $27,124 | $178 | $68,006 |
| Indirects on Total Direct Cost @ 30% | | | | | | | | | | | $20,402 |
| Profit on Total Direct Cost @ 10% | | | | | | | | | | | $6,801 |
| **Subtotal** | | | | | | | | | | | $95,208 |
| Health & Safety Monitoring @ 3% | | | | | | | | | | | $2,856 |
| **Total Field Cost** | | | | | | | | | | | $98,065 |

Naval Station (NS), Mayport
Mayport, FLORIDA
AOC C
GROUNDWATER ALTERNATIVE 3: IN-SITU BIOREMEDIATION, LAND USE CONTROLS AND MONITORING
CAPITAL COSTS

# Table D-7

| Item | Quantity | Unit | Unit Cost | | | | Total Cost | | | | Total Direct Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Subcontract | Material | Labor | Equipment | Subcontract | Material | Labor | Equipment | |
| Contingency on Total Field Cost @ 20% | | | | | | | | | | | $19,613 |
| Engineering on Total Field Cost @ 10% | | | | | | | | | | | $9,963 |
| **TOTAL COST** | | | | | | | | | | | **$127,641** |

# Table D-8

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 3: IN-SITU BIOREMEDIATION, LAND USE CONTROLS AND MONITORING**
**Annual Monitoring Cost**

| Item | Item Cost Year 1 | Item Cost Years 2 & 3 | Item Cost Year 4 | Item Cost Year 5 | Notes |
|---|---|---|---|---|---|
| Sampling | $20,000 | $10,000 | $6,000 | $6,000 | Labor, Field Supplies (local) |
| Inspection | $1,000 | $1,000 | $1,000 | $1,000 | Yearly Inspection, Labor (local) |
| Analysis | $30,000 | $15,000 | $10,000 | $10,000 | Analyze samples from 8 wells for VOCs and natural attenuation parameters. Quarterly year 1; semi-annually years 2 & 3, annually Years 4 & 5. |
| Report | $15,000 | $7,500 | $3,750 | $3,750 | Document sampling events and results |
| Site Review | | | | $10,500 | Five-year Review |
| ODCs (photocopies, telephone, etc.) | $1,200 | $600 | $600 | $300 | |
| Subtotals | $67,200 | $34,100 | $21,350 | $31,550 | |
| G&A and Award Fee @ 20.16% | $13,548 | $6,875 | $4,304 | $6,360 | |
| Total | $80,748 | $40,975 | $25,654 | $37,910 | |

# Table D-9

**Naval Station (NS), Mayport**
**Mayport, FLORIDA**
**AOC C**
**GROUNDWATER ALTERNATIVE 3: IN-SITU BIOREMEDIATION, LAND USE CONTROLS AND MONITORING**
**Present Worth Analysis**

| Year | Capital Cost | Annual Cost | Total Year Cost | Annual Discount Rate at 7% | Present Worth |
|---|---|---|---|---|---|
| 0 | $127,641 | | $127,641 | 1.000 | $127,641 |
| 1 | | $80,748 | $80,748 | 0.935 | $75,499 |
| 2 | | $40,975 | $40,975 | 0.873 | $35,771 |
| 3 | | $40,975 | $40,975 | 0.816 | $33,435 |
| 4 | | $25,654 | $25,654 | 0.763 | $19,574 |
| 5 | | $37,910 | $37,910 | 0.713 | $27,030 |
| | | | | **TOTAL PRESENT WORTH** | **$318,950** |